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CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J

1864-5.

FOUNDED A. D. 1770.

NEWARK, N. J.:
PRINTED AT THE DAILY ADVERTISER OFFICE.
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BY ELECTION.

NAMES.	RESIDENCE.	DATE OF ELECTION.
Rev. WILLIAM H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick	Sept. 16, 1862
WILLIAM VAN DEURSEN, M.D.,	New Brunswick	Nov. 14, 1823
Rev. JOHN GOSMAN, D.D.,	Saugerties, N. Y.	Dec. 5, 1825
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Hon. PETER VREDENBURGH,	Freehold, N. J.	July 24, 1849
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J. ROMEYN BRODHEAD, LL.D.,	New York City	April 12, 1853
MAURICE E. VIELE, Esq.,	Albany, N. Y.	July 27, 1853

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CHARLES W. SWIFT, Esq.,	Poughkeepsie, N. Y.	July 27, 1853
Hon. ROBERT H. PRUYN,	Albany, N. Y.	July 27, 1853
JAMES SUYDAM, Esq.,	New York City	Sept. 27, 1853
PETER S. DURYEE, Esq.,	Newark, N. J	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen, N. J.	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	Hudson, N. Y.	April 13, 1858
Rev. EBENEZER P. ROGERS, D.D.,	New York City	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	New York City	June 29, 1858
JOSEPH P. BRADLEY, LL.D.,	Newark, N. J	June 29, 1858
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EDWARD N. STRONG, Esq.,	New York City	April 12, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick	Oct. 16, 1860
Rev. FRANCIS M. KIP, D.D.,	Fishkill, N. Y.	Oct. 16, 1860
Hon. JACOB R. WORTENDYKE,	Jersey City, N. J	April 8, 1862
HENRY L. JANEWAY, Esq.,	New Brunswick	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.	June 16, 1863
EDWARD S. BRAYTON, Esq.,	Utica, N. Y.	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick	June 16, 1863
A. O. ZABRISKIE, LL.D.,	Jersey City, N. J	June 16, 1863

Rev. THOMAS C. STRONG, D.D., *Secretary of the Board*,
695 Sixth Avenue, New York City.

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COLLEGIATE CHURCH Professor of Rhetoric, Logic and Mental Philosophy.

* Arranged (with the exception of the President) according to seniority of appointment.

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Ἐν ἐσμεν.

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JOHN ANGELL JAMES DAVIS,	Barrytown, N. Y.	45 Hertzog Hall.
WILLIAM HENRY DEHART,	Newark, N. J.	51 Bayard st.
RUSHA DENISE,	Freehold, N. J.	69½ Albany st.
AUGUSTUS FLOYD,	Mastic, L. I.	57 Albany st.
HENRY JESSE GRANT, JR.,	Ithaca, N. Y.	72 Bayard st.
ISAAC EDGAR HASBROUCK,	Stone Ridge, N. Y.	7 Neilson st.
JOSEPH BONNELL MANN,	Somerville, N. J.	79 George st.
JOHN FLETCHER SHAW,	Ithaca, N. Y.	45 Hertzog Hall.
HENRY STOUT,	Raritan, N. J.	20 Hertzog Hall.
FRANCIS CUYLER VAN DYCK,	Coxsackie, N. Y.	69 Albany st.
JOHN WILLIAM WARNSHUIS,	Clymer, N. Y.	22 Hertzog Hall.
ADRIAN WESTVEER,	Zealand, Mich.	18 Hertzog Hall.
ALBERT A. ZABRISKIE,	Bergen Point, N. J.	19 Hertzog Hall.

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Μελετᾶν τὸ πᾶν.

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HERMAN C. BERG,	New Brunswick.	E. Wing College.
THOMAS BLANCH BLOOMFIELD,*	New York City.	New York City.
ADAM AUGUSTUS BOOKSTAVER,	Montgomery, N. Y.	46 Hertzog Hall.
ISAAC P. BROKAW,	Middlebush, N. J.	21 Hertzog Hall.
JOHN NEILSON CARPENDER,	New Brunswick.	Lindenwood.
PAUL COOK,	New Brunswick.	College Avenue.
CHARLIE POST DEMOREST,†	Warwick, N. Y.	
JOHN BLANCHARD EDGAR,	Rahway, N. J.	Rahway.
FLORIAN WELLINGTON GORDON,	New Brunswick.	Hamilton Avenue.
DAVID WIELD HARKNESS,‡	Jersey City, N. J.	Jersey City.
ROBERT IMLAY HOPPER,	Paterson, N. J.	57 Albany st.
GEORGE DURYEE HULST,	E. Williamsb'gh, L. I.	47 Hertzog Hall.
JOHN BAYARD KIRKPATRICK,	N. Brunswick.	2 Livingston Avenue.
JAMES NEILSON,	New Brunswick.	Woodlawn.
WILLIAM REILEY, JR.,	Holmdel, N. J.	City Hotel.
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FRANCIS HORATIO STUBBS,	New Brunswick.	62 Bayard st.
PETER VREELAND VAN BUSKIRK,	Salterville, N. J.	44 Neilson st.
JOHN GUERNSEY VAN SLYKE,	Coeymans, N. Y.	47 Hertzog Hall.
JAMES WALTER VROOM,	Trenton, N. J.	57 Albany st.
JOHN WINNER, Jr.,	Bergen, N. J.	Bergen.

* Partial student. † Deceased. ‡ Scientific student.

SOPHOMORE CLASS.

Φιλοπονήσωμεν.

NAMES	RESIDENCES.	ROOMS.
Samuel Woodbridge Bergen,	Bay Ridge, L. I.	49 Hertzog Hall.
Tunis G. Bergen,	Brooklyn, L. I.	49 Hertzog Hall.
John Brownson Church,	Albany, N. Y.	24 Hertzog Hall.
Samuel Ralph Demarest, Jr.,	Closter, N. J.	25 New st.
Robert Doig,	New York City.	22 Hertzog Hall.
Peter Hasbrouck,	New Brunswick.	35 Schureman st.
John Van Wagnen Heermance,	Glenco Mills, N. Y.	7 Neilson st.
Harry Wyckoff Le Roy,	Newburgh, N. Y.	72 Bayard st.
Benjamin Chalmers Nevius,	Stuyvesant, N. Y.	23 Hertzog Hall.
Thomas Alexander Patrie,	Livingston, N. Y.	7 Neilson st.
Cornelius Shaddle See,	New Brunswick.	56 Albany st.
Benjamin Van Campen Taylor,	New Brunswick.	54 Somerset st.
Peter Labagh Vanderveer,	Rocky Hill, N. J.	69 Albany st.
William Halsey Van Doren,	Griggstown, N. J.	23 Hertzog Hall.
DeWitt Van Zandt,	Montgomery, N. Y.	49 Hertzog Hall.
William Penn Wilson,	Somerville, N. J.	67 Church st.

FRESHMAN CLASS.

Κομιδῇ πάμμαχοι.

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VERNON BOND CARROLL,	Williamsb'gh, N. Y.	49 Schureman st.
ARTHUR CROSBY,	Poughkeepsie, N. Y.	57 Albany st.
HERBERT ARMITAGE DRAKE,	Hopewell, N. J.	62 Church st.
COERT DUBOIS,	Hudson, N. Y.	57 Albany st.
FREDERICK FRELINGHUYSEN,	Newark, N. J.	Newark.
JOHN MCREYNOLDS GAUT,	Cleveland, Tennessee.	7 Neilson st.
JAS. WILLIAMSON HARDENBERGH,*	Jersey City, N. J.	Jersey City.
ARCHIBALD MERCER,	Newark, N. J.	Newark.
WILLIAM HENRY RANKIN,	Newark, N. J.	69½ Albany st.
SEYMOUR ROYAL SMITH,	Waterloo, N. J.	25 New st.
THOMAS MORRIS STRONG,	New York City.	Rev. Dr. Campbell's.
NELSON DEWITT STRYKER,	Kingston, N. J.	57 Albany st.
ALEXANDER JOSEPH SWIFT,	New Brunswick.	54 George st.
WILLIAM DIXON VAN BLARCOM,	Paterson, N. J.	57 Albany st.
JOHN FLOYD MARVIN VANDEROEF,	Florida, N. Y.	25 New st.
ANDREW WEBSTER VAN SLYKE,	New Baltimore, N. Y.	7 Neilson st.
WILLIAM WOOLSEY VARICK,*	Jersey City, N. J.	Jersey City.
GOVERNEUR RUTGERS VROOM,	Trenton, N. J.	57 Albany st.
VAN RENSSELAER WESTON,	New York City.	New York City.
WILLIAM JAMES WYCKOFF,	East New York, L. I.	155 George st.

* Scientific Students.

RECAPITULATION.

NEW JERSEY	41
NEW YORK	31
TENNESSEE	1
MICHIGAN	1
JAPAN	1
TOTAL	75

SUMMARY.

SENIORS	15
JUNIORS	23
SOPHOMORES	16
FRESHMEN	21
TOTAL	75

ADMISSION.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Candidates for admission to the Freshman Class are required to pass satisfactory examinations upon the following subjects, viz:

LATIN.

Andrews & Stoddard's or Harkness' Grammar.

Arnold's First and Second Latin Book by Spencer, as far as the 116th page.

Arnold's Latin Prose Composition, 52 pages.

Cæsar's Gallic War.

Two books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian law, for the poet Archias, and for King Deiotarus.

GREEK.

Crosby's Greek Grammar.

Crosby's Greek Lessons.

Xenophon's Anabasis (three books).

Arnold's First Greek Book entire.

MATHEMATICS.

Arithmetic complete.

Algebra to Quadratic Equations.

GEOGRAPHY.

Ancient and Modern Geography.

In Latin and Greek, a full equivalent to what is stated above will be received.

Students applying for admission to an advanced class are required to pass satisfactory examinations upon all the previous studies of the class, or upon their equivalents.

Students who desire to pursue particular branches of study may be allowed to do so, if properly prepared to go on with the classes in such branches, and special provision is made for such students in the departments of practical science.

The following requirements are stated more specifically for the benefit of those who wish to know, with greater precision, in what things they are expected to be proficient. They do not represent the maximum, and it is earnestly recommended that every applicant for admission to the Freshman Class should exceed them.

LATIN.

Andrews & Stoddard's Latin Grammar is the standard from which all rules are cited, although in advanced classes other Grammars, especially Zumpt's, are used for purposes of reference. The student is expected to have been thoroughly drilled in the declension of nouns, and their gender rules; in the declension and comparison of adjectives; in the declension of pronouns; in the formation and conjugation of verbs, and in their synopsis. In the syntax a complete acquaintance is of course required with all the simpler rules. In addition to this, there are many very important points which are often neglected. Examples of these are the special rules for the oblique cases, as for instance the ablative of time, of price, of respect, of means, etc.; the consecution of tenses in dependent sentences; the use of the subjunctive; the use of the infinitive, and the gerundive construction.

Latin Composition.—In Latin Composition, Arnold's First and Second Latin Book by Spencer, as far as the 116th page, and fifty-two pages of Arnold's Latin Prose Composition are *required*.. The greatest amount however, of exercise in composition, which the student can have, will give him most rapidly the best and firmest knowledge of the Language, and will make his college course more pleasant and beneficial. A full equivalent will be received instead of what has been named.

Text.—It is required that a student shall have read Cæsar, two books of Virgil's Æneid or of Ovid's Metamorphoses, and the seven Orations of Cicero mentioned above. The examination will rest much more, however, on how the author has been studied, than on how much has

been passed over; on quality, rather than quantity. It is recommended that much more attention be paid to prose than to poetry, as from prose only the student can learn the regular forms of the language.

PRONUNCIATION.—A uniform pronunciation is desired. The system followed is the continental, though differing somewhat from that so called, usually found in the grammars. This system is dictated to all the students. Any student, however, who will use the continental, will find little difficulty in accommodating himself to the differences he will meet here.

For correctness of pronunciation, the rules of Prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

Especial attention is called to the following rules in Andrews & Stoddard's Grammar—to the General Rules, § 283, and the rules for the increment of nouns and verbs, §§ 286 to 290 inclusive, with the exceptions.

It is recommended that the student read some popular History of Rome, to serve as a basis for his College course in that study.

EXAMINATION.—In the examination on authors, as Cæsar for example, beside the usual reading and translation of the text, and the application of grammatical principles, students will also be required to write the translation of a portion on the black-board.

GREEK.

The examination will be

I. Upon the Grammar.

Crosby's Grammar is used in the College, and should be used also in the preparation of our students. The applicant must be *familiar* with all the tables, rules of Syntax and forms of Analysis and Parsing given in the first eighty-four pages. These bring into application all the general principles of Greek Grammar taught in the rest of the book. The examination will be conducted orally and in writing. It will extend both to forms and principles, and will thoroughly test the knowledge of the Grammar.

II. Upon Arnold's First Greek book (latest edition).

The whole of this book will be required. It is actually accomplished by the "College Class" in our Grammar School. (See account of this

class in the notice of the School at the end of the catalogue.) The examination upon this must be satisfactory. The student who fails in it cannot compete with his class.

III. Upon Greek text and translation.

Text must be read with correctness and fluency. In pronouncing, we follow the quantity of the vowels and not the written accent. The *ictus* is laid upon the penult when long, in every other case upon the antepenult. Let the everywhere prevailing tendency to lay it upon the ultimate in declining or conjugating forms and in reading text be avoided with the greatest care.

Crosby's Greek Lessons entire and Xenophon's Anabasis (three books) will be the ground of examination in text. Translation must be accurate, and skill in parsing will be severely tested.

MATHEMATICS.

For admission a satisfactory examination will be required on all the essential points of Arithmetic; especially on Common and Decimal Fractions, and square and cube root.

The text book in Algebra used in the College is Loomis' Algebra, and nothing less than what is fully equivalent to the specified amount in this work can be accepted.

In the preparation for examination both upon Arithmetic and Algebra, it is recommended that much time be spent in solving examples and problems, so that not only the principles may be understood, but a habit of neat and *rapid* computation may be attained.

GEOGRAPHY.

In the geography of Ancient Italy, the students will be examined in regard to its different divisions and boundaries, its principal mountains, rivers and cities. The geography of Latium and of Etruria in the neighborhood of Rome should be studied with care.

In the geography of Ancient Greece, a knowledge of the outlines, the principal mountains, rivers and cities, as well as of the political divisions, is required.

Modern Geography will also form a subject of examination, especially in regard to the natural divisions of the globe, the zones and their different climates, the principal natural features of the several parts of the globe, as well as the political divisions of the earth's surface.

TIME OF EXAMINATION.

The regular examination for admission to College takes place on Monday and Tuesday before Commencement, beginning at 9 o'clock, A. M., in the President's room. All who can do so are requested to present themselves on Monday. Applicants for admission may also be examined on Tuesday and Wednesday, Sept. 20th and 21st, at the same hour and place.

PROBATION.

A probation of one term is required before students are matriculated, during which time they are subject to all the College statutes.

COURSE OF INSTRUCTION.

FRESHMAN CLASS.

FIRST TERM.

1. LATIN—Quintus Curtius (3rd book), Arnold's Latin Prose Composition, Dictated Exercises, Andrews & Stoddard's Latin Grammar.
2. GREEK—Xenophon's Memorabilia (selected portions), Arnold's Greek Prose Composition, Crosby's Greek Grammar, Written Translations from Greek into English.
3. MATHEMATICS—Loomis' Algebra, from Quadratic Equations to Infinite Series.
4. RHETORIC—Lectures and Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.

SECOND TERM.

1. LATIN—Livy (1st book), Arnold Continued, Dictated Exercises, Andrews & Stoddard's Latin Grammar, Written Translations from Latin into English, Mythology (Eschenberg).
2. GREEK—Memorabilia and Iliad or Odyssey (selected portions), Greek Prose Composition, Greek Grammar, Written Translations, Ancient Geography (Eschenberg).
3. MATHEMATICS—Loomis' Geometry (plane) six books.
4. RHETORIC—Lectures and Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.

THIRD TERM.

1. LATIN—Livy (21st book), Latin Prose Composition, Andrews & Stoddard's Latin Grammar, Written Translations from Latin into English, Mythology (Eschenberg).
2. GREEK—Odyssey, Prose Composition and Grammar, Written Translations, Ancient Chronology (Eschenberg).
3. MATHEMATICS—Loomis' Geometry (solid), four books.
4. RHETORIC—Essays.
5. ANCIENT HISTORY.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

SOPHOMORE CLASS.

FIRST TERM.

1. LATIN—Cicero de Senectute, Tischer's Lateinische Uebungsbuch, Zumpt's and Madvig's Grammars.
2. GREEK—Herodotus (selections), Prose Composition, Written Translations.
3. MATHEMATICS—Loomis' Algebra completed.
4. RHETORIC—Essays; Lectures on English Language and Literature.
5. MODERN HISTORY.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.
8. HEBREW.

SECOND TERM.

1. LATIN—Cicero de Officiis, Tischer, Zumpt's and Madvig's Grammars, Roman Antiquities.
2. GREEK—Herodotus and Thucydides (selections), Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Trigonometry, with applications to Surveying and Navigation.
4. RHETORIC—Essays; Lectures on English Language and Literature.
5. MODERN HISTORY.
6. MODERN LANGUAGES—French.
7. BIBLICAL RECITATIONS.
8. ELOCUTION.

THIRD TERM.

1. LATIN—Tacitus, Tischer, Zumpt's and Madvig's Grammars, Roman Antiquities.
2. GREEK—Thucydides, Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Analytical Geometry or Conic Sections.
4. RHETORIC—Essays.
5. MODERN LANGUAGES—French.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

JUNIOR CLASS.

FIRST TERM.

1. Greek—Demosthenes, Lectures on Greek Literature.
2. Mathematics—Differential and Integral Calculus.
3. Chemistry and Physics—Lectures.
4. Mental Philosophy—Hickok's Empirical Psychology and Bowen's Metaphysics of Sir Wm. Hamilton, with comments.
5. Rhetoric—Day's Rhetoric and Essays.
6. Modern Languages—German.
7. Biblical Recitations.
8. Elocution—Original speeches.
9. Hebrew.

SECOND TERM.

1. Latin—Plautus, Horace, Catullus, Ovid, Original Latin Composition, Lectures on Roman Literature.
2. Chemistry and Physics—Lectures.
3. Mental Philosophy—Hickok's Empirical Psychology and Bowen's Metaphysics of Sir Wm. Hamilton, with comments.
4. Rhetoric—Essays.
5. Biblical Recitations.
6. Elocution—Original speeches.

THIRD TERM.

1. Greek—A tragedy, Lectures on Greek Literature.
2. Mechanics—Statics, Dynamics, Hydrostatics, Hydrodynamics, Acoustics, Optics.
3. Mental Philosophy—Hickok's Empirical Psychology and Bowen's Metaphysics of Sir Wm. Hamilton, with comments.
4. Modern Languages—German.
5. Biblical Recitations.
6. Rhetoric.
7. Elocution—Original speeches.

SENIOR CLASS.

FIRST TERM.

1. Latin—Juvenal, Cicero's Tusculan Disputations or Quintillian, Latin Essays, Lectures.
2. Physics—Heat, Electricity and Magnetism.
3. Evidences of Christianity—Lectures.
4. Moral Philosophy—Wayland and Hopkins; Lectures.
5. Mental Philosophy—Lectures.
6. Political Economy—Lectures.
7. Rhetoric—Essays.
8. Modern Languages—German.
9. Biblical Recitations.
10. Elocution—Original speeches.

SECOND TERM.

1. Astronomy.
2. Evidences of Christianity—Lectures.
3. Moral Philosophy—Wayland and Hopkins.
4. Logic—Thomson.
5. Political Economy—Lectures.
6. Rhetoric—Essays.
7. Modern Languages—German.
8. Biblical Recitations.
9. Elocution—Original speeches.

THIRD TERM.

1. Greek—Plato.
2. Architecture—Lectures.
3. Geology—Lectures.
4. Evidences of Christianity—Lectures, and Butler's Analogy.
5. Constitution of the United States—Sheppard.
6. Rhetoric.
7. Biblical Recitations.
8. Elocution—Original speeches.
9. Hebrew.

REMARKS ON THE COURSE OF INSTRUCTION.

LATIN.

The Freshman and Sophomore years are devoted to reading prose authors, with the view of forming, in connection with Latin Composition, a good Latin style. The knowledge of a language must be acquired from its prose, and not from its poetry. The student should be thoroughly versed in all the regular forms, as found in its classic prose, and then he will readily mark the peculiarities of construction, order and expression of its poetry. Besides, the poetry is better appreciated by the student in a more advanced class. For these reasons, the poets are not read, until the last two years, and then in connection with lectures on the literature of the Language.

During the Freshman and Sophomore years, most attention is given to authors of the classic period, and especially to Cicero and Livy, the two great masters of Latin style. During the Freshman year, the students receive a thorough drill upon the grammar, especially on its application to the author under discussion, and complete Arnold, besides writing exercises dictated by the Professor.

In the Sophomore year, at present, the class use in composition Tischer's Uebungsbuch, prepared especially for Zumpt's and Madvig's grammars. These exercises are translated for them into English, and they use these grammars in rendering them into Latin. Thus they pass again over the entire Syntax with thorough exercises, and are introduced to the study of the higher Grammars. In the text, the students are further exercised in the principles of the language. Attention is now particularly given to exceptions and rarer usages, synonyms and idioms. In these two years the students are made acquainted with the history, mythology and antiquities of Rome.

In the Junior and Senior years, the classes devote the most of their time to reading as many as possible of the Roman poets, in chronological order, beginning with Plautus, and closing with Juvenal, in connection with lectures on the literature. A philosophical or rhetorical treatise is read during the Senior year, accompanied by lectures.

GREEK.

The table of studies shows the authors used. In the Freshman year, selected portions of the Memorabilia and of the Odyssey or Iliad are

read. More regard is paid to quality than to quantity. Portions of Herodotus and Thucydides are read in the Sophomore year. In these two years the translations are made both orally and in writing. No effort is spared to render the students familiar with the principles of the language, and critical in translating text. The particles receive the closest attention, and great care is taken to bring out their exact and full force. The signification of the tenses both alone and in consecution is required to be given with accuracy. In the Freshman year, Crosby's Grammar will be kept up, and Arnold's Greek Prose Composition will be studied. The forms and exercises in both will be recited orally and written out also. The written exercises are accompanied with the breathings and accents, and are subjected by the class to the severest criticism under the direction of the Professor. The Freshmen recite Greek daily, and the Sophomores during the first and second terms three times, and during the third term, four times a week. The requisitions for entrance are now such, that the Sophomore class can read far more Greek than heretofore, but the parsing will be very close until the end of this year.

The Juniors read an oration of Demosthenes and one of the tragedies carefully, but rapidly. The study of Greek Antiquities and the delivery of Lectures on the Greek Language and Literature are now brought into the course. The Juniors attend the Greek Professor three times a week during the first and third terms of the year. Their attention is directed less to Grammar, and more to higher ranges of thought connected with a comprehensive course of study in this department.

The Seniors read during the third term a treatise of Plato or a book of the Greek Testament, three times a week, and prepare original Greek compositions for criticism.

The aim of the entire course is to make the student thoroughly acquainted with the Greek language, and to awaken his interest in the rich and extensive field of research, which he can thoroughly explore only in subsequent life.

MATHEMATICS, MECHANICS AND ASTRONOMY.

The studies of this department are pursued in the following order.

FRESHMAN.

First Term.—Algebra—Quadratic Equations, Ratio and Proportion, Arithmetical and Geometrical Progressions, Permutations and Combinations, Involution and Evolution. Attention paid to the cultivation of a neat and rapid style of computation.

SECOND TERM.—Plane Geometry, including the solution and construction of practical linear problems. Six books of Loomis' Geometry.

THIRD TERM.—Solid Geometry—Loomis' Geometry, Books VII., VIII., IX. and X.

SOPHOMORE.

FIRST TERM.—Algebra—Infinite Series, General Theory of Equations, Solutions of Numerical Equations and Logarithms.

SECOND TERM.—Trigonometry—Plane and Spherical Trigonometry, Mensuration of Surfaces and Solids and Surveying. Students trained in the practical computation of plane and spherical triangles, and in making, computing and plotting surveys.

THIRD TERM.—Analytical Geometry or Conic Sections. The analytical method usually studied in preference to the geometrical on account of its greater fertility in useful results.

JUNIOR.

FIRST TERM.—Differential and Integral Calculus.

THIRD TERM.—Mechanics—Statics, Dynamics, Hydrostatics and Hydrodynamics, Acoustics and Optics.

SENIOR.

SECOND TERM.—Astronomy. In addition to the study of the theory of the subject, the problems in practical Astronomy, of Time, Latitude and Longitude, with the character of the observations necessary for their solution, will be discussed.

THIRD TERM.—Architecture.—The subject will be treated in a short series of lectures, with illustrations taken from ancient and modern art. They will give the principles of construction and architecture, as well as an account of the prominent styles which have prevailed in different ages.

NATURAL SCIENCE.

In the course of instruction in this department, the object is to furnish by appropriate experiments and observations, facts from which the great principles of science are deduced; to illustrate by a selected series of experiments the methods of investigating natural phenomena; and to so group together and combine the various truths exhibited, that, to the thinking mind, they may not be looked upon as a mere collection of curious facts, but as related and dependent truths which form a part of one great and harmonious whole.

The important aim of science to benefit and enlarge the industrial arts is also kept constantly in view.

CHEMISTRY is taught during the Junior year by lectures with experiments, and recitations. For students who desire instruction in Practical Chemistry, facilities will be furnished under the care of the Professor in charge.

PHYSICS is taught during parts of the Junior and Senior years by lectures and experiments, in connection with the text-book.

BOTANY is studied in connection with the analysis of plants, during the third term of the Junior year.

MINERALOGY.—Instruction is given in the examination and study of minerals, in a series of practical lessons, at stated times, during the Junior year, to such as choose to pursue that science.

GEOLOGY.—A full course of lectures, illustrated by specimens of rocks, fossils, &c., from the College cabinet, is given during the third term of the Senior year.

BIBLICAL INSTRUCTION.

The course of Biblical Instruction contemplates making the student acquainted with the Hebrew of the Old Testament, and the Greek of the New Testament, so that he may feel at home in reading the Original Scriptures. It will be sought to accomplish this by a weekly recitation in these languages, continued in each of the classes through the whole four years' course. Besides this, all the Students attend a recitation in the Greek New Testament every Sabbath morning. A weekly Lecture will also be delivered to all the undergraduates. These Lectures are designed to compose a four years' course on Biblical Criticism, Biblical Interpretation, the Historical Introduction to the books of the Bible, and the classification and consideration of the chief difficulties of the Old and New Testaments.

BELLES-LETTRES.

ELOCUTION.—During the Freshman year lectures are delivered on the general principles of Elocution. And a practical application of these principles is made by appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there is an exercise in Oratory once a week in the College Chapel,—attended by all the Students and by the Faculty,—at which three members of the Freshman and Sophomore classes respectively are

required to declaim, using, if they choose, selected pieces; and two members of the Junior and Senior classes respectively are required to deliver original orations.

English Language and Literature.—These subjects are treated of in a course of twenty lectures which are delivered to the Sophomore class. It is designed here, by acquainting the student early in his course with the best authors and their choicest thoughts, to inculcate a literary taste, to lead him to a profitable employment of his leisure hours, and even moments, in pursuing a well-arranged system of reading, and to teach him how by analysis and criticism to attain the highest benefit from what he reads.

Rhetoric.—In connection with Composition,—an exercise in which is required once a month from every student in College,—the general rules of Rhetoric are dictated to the Freshman class. And in the first term of the Junior year the study of Rhetoric, in its philosophical principles, is pursued with great care and thoroughness.

Mental Philosophy.—Hickok's Empirical Psychology and Hamilton's Metaphysics, arranged by Bowen, are the guide books in this department. But neither is implicitly followed. The aim is rather to arouse the student, by a diligent comparison of different authors, to investigate the open questions of Philosophy independently, and thus to train him to a comprehensive and cautious deliberation as well in adopting the conclusions of others as in forming and advancing his own. As opportunity offers, lectures upon important topics are interspersed through the course.

Logic.—In connection with the use of Thompson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

THE NATURAL HISTORY SOCIETY

OF RUTGERS COLLEGE,

which has for its objects the cultivation of Natural Science, and the formation of a cabinet of Natural History and Antiquities, furnishes increased facilities in this department of knowledge. It is constantly receiving additions to its collection of specimens of rocks, minerals and fossils, also Zoological and Botanical specimens, and objects of antiquarian and historic interest. Friends of the College are earnestly invited

to continue their generous contributions to this growing museum of Natural History.

EXAMINATION OF UNDER GRADUATES.

The classes are all examined at the close of each term on all the studies of the term. There is also a general examination at the end of the third term. The Senior class has its final examination four weeks before Commencement.

TERMS.

The Academic year consists of three terms, the first beginning on the 20th day of September and ending on the Wednesday before Christmas, the second beginning on the first Thursday after New Year's day and ending on the first Wednesday of April, and the third beginning on the Thursday after the second Wednesday of April and ending on the next before the last Wednesday of June.

EXPENSES.

Tuition per Annum	$45 00
Incidental Expenses	8 00
Admission Fee	5 00

The above fees are payable to the College Treasurer, semi-annually, in advance.

Each candidate for the degree of A. B. is required to pay to the Treasurer a graduation fee of seven and a half dollars for the cost of the diploma and conferring the degree, and degrees will not be conferred until such fees are paid.

Board and room rent, not including fuel or lights, can be obtained in respectable families in town in ordinary times, at $2.50 to $4.00 per week; board without rooms, $2.00 to $2.50. Students having the ministry in view can obtain rooms at Hertzog Hall at $5.00 per annum; the expenses for fuel and light being about $8.00 per annum. At present, the rates of board, fuel and light are increased at least fifty per cent.

BOARDING HOUSES.

The Students shall board at such places only as are approved by the Faculty.

The Faculty have power to pass such rules and regulations relative to the number of boarders in each house as they think proper.

No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming; or be absent from his room except at such hours as shall be prescribed by the Faculty.

ATTENDANCE, ETC.

The Students are required to attend Prayers in the College Chapel every morning (the Sabbath excepted).

The recitation hours are from 9 o'clock, A. M., to 1 o'clock, P. M, every day except Saturday.

A Sermon is delivered every Sabbath morning in the College Chapel, by one of the Clerical Officers of the Faculty. The Students are required to be present, and also to attend Public Worship in the afternoon, at such places as their parents or guardians may direct. The Professors are charged with the moral and religious, as well as the intellectual training of the Students.

All the Students are obliged to attend Biblical recitations every Sabbath morning in the Chapel.

No Students are allowed to leave the city during the sessions without permission from the President.

RUTGERS SCIENTIFIC SCHOOL.

To meet the demands of the friends of education and practical science, the Trustees of Rutgers College have established a department of the College under the name of "Rutgers Scientific School." This branch of the institution has also been made by the Legislature of New Jersey, the State "College for the benefit of Agriculture and the Mechanic Arts," in conformity with the Act of Congress of 1862 "donating public lands to the several States and Territories which may provide colleges for the benefit of Agriculture and the Mechanic Arts." This grant was accepted by the State upon the terms prescribed, and a law was passed ordering the lands to be sold, the proceeds to be invested, and the interest of these funds "to be devoted wholly and exclusively to the maintenance, in that department of Rutgers College known as Rutgers Scientific School, of such courses of instruction as (including the courses of instruction already established) shall carry out the intent of the Act of Congress."

This munificence of the General and State Governments will enable the Trustees greatly to enlarge the scientific course now pursued in the School, and they have already begun their work. A valuable farm in the immediate vicinity has been purchased, and the Trustees are taking measures to provide also:

A large Chemical Laboratory for the use of students in Chemical Analysis, Metallurgy, and Chemistry applied to the Arts and to Agriculture; and for general Lectures in experimental science:

An Astronomical Observatory, furnished with all needed instruments and appliances for practical study:

Rooms and fixtures for the study of Mechanical and Civil Engineering, Draughting, &c.:

Accommodations for a large Museum in which the Geology, Mineralogy, Zoology and Botany of New Jersey can be fully represented and illustrated.

The work of providing these important aids to the successful teaching of practical science will be carried forward until it is completed.

A part of the lands appropriated to New Jersey has already been

sold, and it is expected that students, whose instruction fees are paid by the income from this source, can be received into the institution, at the beginning of the next college year, September 20th, 1865. The law in regard to such students is, that "the number of pupils to be so received gratuitously into said school shall be in each year, such a number as would expend a sum equal to one-half of the said interest for the same year, in paying for their instruction in said school, if they were required to pay for it at the regular rates charged to other pupils of said school, for the same year; said pupils so nominated and received shall be citizens of this State, and shall be admitted into said school upon the same terms, and subject to the same rules and discipline which shall apply to all other pupils of said school, with the single exception that they shall not be required to pay anything for their instruction." "The students of Agriculture and the Mechanic Arts shall be admitted into said college upon the recommendation of the Board of Chosen Freeholders of their respective Counties, and the number of students that a County shall at any one time be entitled to have in said college shall be equal to the number of representatives in the Legislature to which such County is entitled, or in proportion to the same."

The school is not confined to students sent by the State authorities, but is open to all who desire, and are prepared, to pursue its courses of instruction.

COURSES OF STUDY.

The studies will be given in two courses, viz:

I. Civil Engineering and Mechanics.

II. Chemistry and Agriculture.

Either of these will occupy three years.

During the first year and a portion of the other years the studies of the two courses will be the same.

The studies pursued include the following:

Practical Chemistry, Chemical Analysis, and Chemistry applied to the Arts.

Land Surveying, Topographical Surveying, Civil Engineering, Architecture and Draughting.

Mechanical Philosophy, Machinery, Hydraulics.

Agriculture.

Geology and Mineralogy, and their application to Mining and Metallurgy.

Botany and Geology, with their relations to Vegetable and Animal Physiology.

Astronomy and Navigation.

Military Tactics.

French and German.

Instruction will also be afforded in Rhetoric, Mental Philosophy, History, Political Economy and International Law.

Courses of Lectures to adults upon various departments of Agriculture and the Mechanic Arts will also be given at stated times, through the second term of the year.

ARRANGEMENT OF STUDIES.

FIRST YEAR.

I. Course in Civil Engineering & Mechanics.

FIRST TERM.

Algebra, Quadratic Equations.
Geometry—three Books.
Draughting—Constructing Problems.
Elementary Principles of Zoology and Mineralogy.
Rhetoric, Exercises in Elocution and Composition.
French.

SECOND TERM.

Geometry, finished.
Geometrical Draughting.
Meteorology and Modes of Keeping Meteorological Register.
History—Composition and Declamation.
Book-Keeping.
French.

THIRD TERM.

Algebra, finished.
Mensuration—Line Surveying.
Elements of Botany.
Physical Geography.
History, Composition and Declamation.
Book-Keeping.
Drawing.
French.

II. Course in Chemistry & Agriculture.

FIRST TERM.

Algebra, Quadratic Equations.
Geometry—three Books.
Draughting—Constructing Problems.
Elementary Principles of Zoology and Mineralogy.
Rhetoric, Exercises in Elocution and Composition.
French.

SECOND TERM.

Geometry, finished.
Geometrical Draughting.
Meteorology and Modes of Keeping Meteorological Register.
History—Composition and Declamation.
Book-Keeping.
French.

THIRD TERM.

Algebra, finished.
Mensuration—Line Surveying.
Elements of Botany.
Physical Geography.
History, Composition and Declamation.
Book-Keeping.
Drawing.
French.

SECOND YEAR.

FIRST TERM.

Trigonometry, Surveying and Navigation.
Descriptive Geometry and Draughting.
Elements of Chemistry and Mineralogy.
Rhetoric, Composition, Declamation.
French.

SECOND TERM.

Analytical Geometry.
Descriptive Geometry and Draughting.
Physics and General Chemistry.
Mechanics—Text-book in French.
Strength of Materials, Stability of Structures.
English Composition and Declamation.
German.

THIRD TERM.

Differential and Integral Calculus.
Leveling, R.R. Engineering and Topography.
Topographical Draughting.
Optics and Optical Instruments.
Mental Philosophy—Essays.
German.

FIRST TERM.

Trigonometry, Surveying and Navigation.
Descriptive Geometry and Draughting.
Elements of Chemistry and Mineralogy.
Rhetoric, Composition, Declamation.
French.

SECOND TERM.

Analytical Chemistry, qualitative.
Physics and General Chemistry.
Mineralogy.
Agriculture—its Principles.
English Composition and Declamation.
German.

THIRD TERM.

Physics and Chemistry.
Analytical Chemistry—quantitative.
Agriculture—its Processes.
Mental Philosophy—Essays.
German.

THIRD YEAR.

FIRST TERM.

Astronomy and Use of Astronomical Instruments.
Engineering Constructions, Roads, Bridges, &c.
Moral Philosophy, Essays.
German.

SECOND TERM.

Geodetical Surveying.
Machinery—Motive Powers, &c.
Machines employed in Engineering.
Geology.
Political Economy.
German.

THIRD TERM.

Hydraulic Engineering.
Designs for and Discussions of Constructions and Machines.
Architecture.
Constitution of the United States.

FIRST TERM.

Metallurgy and Mining.
Elements of Geology.
Moral Philosophy, Essays.
German.
Agriculture—Its Products.

SECOND TERM.

Elements of Technology.
Agriculture—Its products, continued.
Geology.
Political Economy.
German.

THIRD TERM.

Agriculture — Horticultural Products and Rural Embellishment.
Theses on Scientific and Practical subjects.
Constitution of the United States.

THEORY AND PRACTICE OF AGRICULTURE.

OUTLINE OF THE COURSE.

Instruction in the Theory and Practice of Agriculture will be conveyed for the present mainly by Lectures, except where suitable text-books can be obtained.

Opportunities for observation upon the College Farm will be given

from time to time, and we hope to secure ere long, a cabinet of specimens and models by which the Lectures delivered may be illustrated and exemplified. During the Terms mentioned below, the following subjects will be treated.

I. SECOND TERM, SECOND YEAR.—Agriculture, its *Principles.*

Its development and present condition as an Art.
Its connection with the several branches of science.
The economic requisites of vegetable growth, including soils, and the theory of manures.

II. THIRD TERM, SECOND YEAR.—Agriculture, its *Processes.*

Tillage, plowing; the physical manipulation of the land.
Implements and Machinery.
Drainage, Irrigation, etc.
The Practice of Manures.
Farm Buildings—their construction and arrangement.

III. FIRST TERM, THIRD YEAR.—Agriculture, its *Products.*

1. *Farming and Farm Crops.*

The cereals, their cultivation, their management and uses.
Hemp, Flax and other commercial crops.
Root Crops and the Legumes.
Grasses and the care of Pasture Lands.
Rotation of Crops, and the use of Artificial Fertilizers.

IV. SECOND TERM, THIRD YEAR.—*Products continued.*

2. *Animals and Animal Products.*

The Principles of Breeding and the various Improved Breeds.
The care of Domestic Animals and Fattening for Market.
Dairy Management, including Milk, Butter and Cheese.
Animals of Draught.

V. THIRD TERM, THIRD YEAR.—*Products continued.*

3. *Horticultural Products and Rural Embellishment.*

The Orchard, including the Nursery propagation of Trees.
The Market Garden; forcing of plants and fruits.
The Vineyard; manufacture of wine, cider, &c.
Ornamental Trees and Shrubs, Landscape Gardening.
Either during the First Term of the Second Year, or subsequently, the

study of Bookkeeping will be continued with special reference to *Farm Accounts*, which is believed to be one of the most important branches of study, and opportunities of practice will ultimately be afforded the students in keeping the accounts of the College Farm. The study of *Botany* will also be continued with direct bearing upon the plants, useful or injurious, which the farmer most frequently meets. Some attention will also be given to *Entomology*, either as a separate branch, or in connection with those Farm and Orchard products which suffer most from insect depredators.

The lectures of the different terms are adapted as far as possible to the seasons when they can best be practically exemplified.

For College Graduates and other advanced students who may wish to take a one year course in Agriculture only, the lectures will be so arranged that such students can attend a double course during two-thirds of the year, thus:

1ST TERM—The Lectures numbered.....III.
2D " " " " I AND IV.
3D " " " " II AND V.

MILITARY TACTICS.

During the third term of each year, the students will be drilled in Military tactics, including infantry and artillery. They will also be instructed in the principles of Military Engineering and Fortification, and will be afforded opportunities for visiting the various military posts and fortifications in the vicinity.

Among the advantages offered for the profitable pursuit of the above studies are:

I. The Library, the Collections, the Literary Societies, and all the facilities for literary education furnished by Rutgers College.

II. A Farm, where special attention will be given to Market Gardening, and to the cultivation of fruits; where the best modes of culture and the most improved implements are used; and where a system of keeping a full and complete account of all the operations, expenses and income of the farm can be studied.

III. An Observatory, arranged and fitted with all the instruments needed for teaching practical astronomy.

IV. Accommodations for a Laboratory and Museum, with ample room for lectures upon experimental science, and for the practical operations of analytical chemistry; and where special provision is made for spreading out and exhibiting the collections of the minerals, rocks, fossils, plants and animals of the State.

V. Full sets of instruments for Surveying and Engineering.

VI. Excursions to mines, manufactories, &c., made under the direction of professors.

ADMISSION.—Applicants for admission to either of the above courses, as candidates for a diploma, must be, at least, sixteen years of age, and must bring testimonials of good moral character. They must also pass a satisfactory examination in the following subjects, viz:—Arithmetic, Algebra to Quadratic Equations, English Grammar and Geography.

Persons desiring to enter the school for the purpose of pursuing special branches, will be required to pass an examination on the subjects necessary to fit them for pursuing those branches to advantage.

Adults who wish to attend upon any of the courses of lectures, and are not candidates for diplomas or certificates, can do so, subject only to the rules for fees and discipline.

The proper time for entrance is at Commencement (June 19th and 20th, 1865,) or at the beginning of the College year (Sept. 20th, 1865,) when new classes are formed; but students will be admitted to a class at any time, upon their passing a satisfactory examination on the subjects the class have passed over.

Examinations are held at the close of each term.

Diplomas will be conferred upon those who have passed satisfactory examinations upon all the subjects prescribed in either Course of Study; and Certificates will be given to those who pass examinations in special branches.

FEES.—The charge for tuition is $75 a year; one-third, or $25, being payable at the commencement of each term.

The annual charge for incidentals, the present year, is $8.

Students in Analytical Chemistry are charged $15 additional, each term, for chemicals and use of apparatus.

The President's fee for conferring the diploma is $5.

The terms and vacations are the same as those of the College, viz:

1. Sept. 20th to Wednesday before Christmas.
2. Thursday after New Year's day to first Wednesday of April.
3. Thursday after second Wednesday of April to next to last Wednesday of June.

APPOINTMENTS—COMMENCEMENT, 1864.

HONORS.

N. I. Marselus Bogert.....*Valedictory.*
David S. Sutphen.....*Latin Salutatory.*
Thomas W. Jones.....*English Salutatory.*
John K. Van Arsdale.....*Philosophical Oration.*

JUNIOR ORATORS.

Peithessophians.	Philocleans.
William H. DeHart,	John H. Allen,
Isaac E. Hasbrouck,	Rusha Denisé,
Henry Stout,	Augustus Floyd,
Francis C. Van Dyck,	Joseph B. Mann.

PRIZES.

SUYDAM PRIZE FOR COMPOSITION.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the President. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library before he can receive the prize.

Subject for 1865:—*The relation of War to Civilization.*

Committee of Award for 1865—Rev. John A. Todd, Rev. Edward P. Terhune, and Rev. Ezra W. Collier.

Names of those who have received this prize:

1854—James Le Fevre,
1855—Isaac L. Kip,
1856—George V. N. Baldwin, Silas D. Scudder,
1857—Jas. W. Schermerhorn, Benjamin C. Sears,
1858—Robert O. Currie, Jr.,
1859—T. Sandford Doolittle,
1860—Dupuytren Vermilye,
1861—William P. Mesick,
1862—Francis A. Horton,
1863—William Smith,
1864—William H. Leupp, Jr.

SUYDAM PRIZE IN NATURAL SCIENCE.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

Committee of Award for 1865—Hon. Henry J. Irick, Rev. Edward W. Bentley, and Frederick S. Canfield, Esq.

Names of those who have received this prize:

1854—William W. Post,
1855—Milton A. Fowler,
1856—Josiah Jansen,
1857—D. Ten Broeck Reiley,
1858—John B. Drury,
1859—William Cornell,
1860—Dupuytren Vermilye,
1861— ——— ———,
1862—Abram Q. Garretson,
1863—Joseph M. Dixon,
1864—N. I. Marselus Bogert.

THE BRODHEAD CLASSICAL PRIZE.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar, on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination at a time to be fixed by the Faculty near the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of the examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject of the Essay for 1865—*The State of Parties at Rome during the Gallic War.*

Subject of the Examination for 1865—*First Book of De Finibus.*

COMMITTEE OF AWARD FOR 1865—Rev. James Demarest, Jr., Prof. A. F. Howard, and Prof. Edwin Pierce.

Names of those who have received this prize:

1855—DANIEL RAPLEJE,
1856—JOHN BELLENGER DOD,
1857—ABRAHAM THOMPSON,
1858—ROBERT O. CURRIE, JR.,
1859—JONATHAN DIXON, JR.,
1860—DUPUYTREN VERMILYE,
1861—LOUIS H. BAHLER,
1862—PETER LEPELTAK,
1863—GEORGE W. SWAIN,
1864—N. I. MARSELUS BOGERT.

THE BRADLEY MATHEMATICAL PRIZE.

This prize is given by Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed upon that student of the Senior Class who shall have made the greatest proficiency in Mathematics.

Recipient of this prize, 1864—N. I. MARSELUS BOGERT.

COMMITTEE OF AWARD FOR 1865—Ashbel Welch, Esq., Hon. Robert Bacot, and Prof. C. M. Harrison.

ALUMNI ASSOCIATION.

OFFICERS FOR 1865.

PRESIDENT,
JOHN F. HAGEMAN, Esq.

VICE PRESIDENT,
REV. THEODORE B. ROMEYN.

SECRETARY,
REV. JOHN L. SEE.

CURATOR,
DAVID BISHOP, Esq.

ORATOR,
REV. P. D. VAN CLEEF, D.D., *Primarius.*
HON. JACOB R. WORTENDYKE, *Secundus.*

ROLL OF HONOR.

CLASS OF 1861.

R. A. JOHNSON.....1*st Lieut.* 48*th N. Y. Volunteers.*
(Term expired.)
ERNEST L. KINNEY.....*Capt.* 14*th Inf. U. S. A.*

CLASS OF 1862.

WILLIAM H. H. AYARS.....1*st Lieut.* 5*th Ky. Volunteers.*
WILLIAM H. DILL.....124th *N. Y. Volunteers.*
FRANCIS S. KEESE.....*Major* 129*th N. Y. Volunteers.*
N. WYCKOFF MESEROLE.....*Capt.* 132*d N. Y. Volunteers.*
N. HIXON VAN ARSDALE.....1*st. Lieut.* 1*st N. J. Volunteers.*

CLASS OF 1863.

ISAAC P. BROKAW.....30*th N. J. Volunteers.*
(Term expired.
SEBASTIAN DUNCAN.....13*th N. J. Volunteers.*
*WILLIAM H. POHLMAN.....*Adj't* 50*th N. Y. Volunteers.*
(Killed at Gettysburgh.

CLASS OF 1864.

JOHN S. BLISS.....*Capt. on Gen. Newton's Staff.*
ROBERT M. BROWN.....122*d Conn. Volunteers.*
(Term expired.
BENJAMIN F. DECKER.....5*th N. Y. Artillery.*
JOHN DOOLY.....5*th N. J. Volunteers.*
*JOHN MCGAFFIN.....177*th N. Y. Volunteers.*
(Killed at Port Hudson.
T. L. STRINGER.....*United States Navy.*

CLASS OF 1865.

*S. W. NEVIUS.....30*th N. J. Volunteers.*
(Killed at Chancellorsville.]
HORATIO W. ST. JOHN.....— *N. Y. Volunteers.*

*Deceased.

CALENDAR.

1864.

June 22d,—Commencement..... Wednesday.

SUMMER VACATION.

Sept. 20th,—First Session begins.....Tuesday.
Dec. 21st,—First Session ends.....Wednesday.

WINTER VACATION.

1865.

Jan. 5th,—Second Session begins.....Thursday.
April 5th,—Second Session ends.....Wednesday.

SPRING VACATION.

April 13th,—Third Session begins.....Thursday.
May 22d, 23d,—Senior Examination and Examination for Prizes.....Monday and Tuesday.
June 12th,—Examination of Lower Classes begins.....Monday.
June 18th,—Baccalaureate Sermon by the President before the Graduating Class.....Sunday.
June 19th, 20th,—Examinations for Admission...Monday and Tuesday.
June 19th,—Anniversary of the Nat. Hist. Society...Monday Afternoon.
June 20th,—Address before the Alumni.....Tuesday Morning.
June 20th,—Address before the Literary Societies...Tuesday Afternoon.
June 20th,—Junior Exhibition.....Tuesday Evening.
June 21st,—Commencement.....Wednesday.

SUMMER VACATION.

Sept. 20th,—First Session begins.....Wednesday.
Sept. 20th, 21st,—Examination for Admission..Wednesday and Thursday.
Dec. 20th,—First Session ends.....Wednesday.

WINTER VACATION.

1866.

Jan. 4th,—Second Session begins.....Thursday.

RUTGERS COLLEGE GRAMMAR SCHOOL.

The next Academical year of this Institution will commence on Monday, September 4th, and will continue forty-two weeks. It will consist of three Sessions: the first, from September 4th, sixteen weeks; the second, from January 3d, thirteen and a half weeks; the third, from April 17th, twelve and a half weeks. There will be two public examinations; one at the end of the first session, the other at the close of the year.

No pains are spared in this School to have its Course of Instruction and Government effective and satisfactory, and to afford pupils the fullest preparation necessary for entrance into the College, or engagement in business pursuits. It is under the inspection of the Faculty and the control of the Board of Trustees of the College.

A Class for entering the College at the close of the year will be formed at the beginning of the first Session. For entering this Class pupils will be strictly examined as to their various attainments; and none will be admitted to it at an advanced point without an additional examination on what it may have passed over. This Class will enjoy the special advantage of an hour's instruction in Greek, daily, by the College Professor in that department.

TERMS PER ANNUM,

(*Payable at the beginning of each Session.*)

Common English Branches.....	$10 00	per quarter.
Higher English.....	12 00	"
Latin (including the above).....	15 00	"
Greek (including the above).....	17 00	"
Incidentals.....	50	per session.

No extra charges, except for Modern Languages; and no deductions for absence, unless occasioned by protracted sickness.

Board may be had in private families on reasonable terms. All boarding pupils will be under the careful oversight of the Rector, and will be expected to attend a Bible recitation every Sabbath.

A form of bequest is appended, in hopes that the friends of education will remember the College, and aid the earnest efforts of its friends, to make it as widely and largely useful as possible. As long as it continues to prosper and enlarge, an increase of funds will be needed.

The form of the bequest can be altered, according as the testator desires to have his bequest applied—to "Increase the Library of Rutgers College," the "Philosophical Apparatus of Rutgers College" or the "Endowment of the Grammar School of Rutgers College, located at New Brunswick, N. J."

BEQUEST.

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ---------- Dollars, for the maintenance and support of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ---------- Dollars, to increase the Library of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ---------- Dollars, to increase the Philosophical Apparatus of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ---------- Dollars, for the endowment of the Grammar School of said College.

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CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW-BRUNSWICK, N. J.

1865-6.

JOHN HOPPER, Esq.,	Paterson, N. J.,	July 22, 1851
Hon. FRED. T. FRELINGHUYSEN, LL.D.,	Newark, N. J.,	July 22, 1851
J. ROMEYN BRODHEAD, LL.D.,	New York City,	April 12, 1853
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Poughkeepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July 27, 1853
JAMES SUYDAM, Esq.,	New York City,	Sept. 27, 1853
PETER S. DURYEE, Esq.,	Newark, N. J.,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen, N. J.,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick.	April 13, 1858
Rev. EBENEZER P. ROGERS, D.D.,	New York City,	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	New York City,	June 29, 1858
JOSEPH P. BRADLEY, LL.D.,	Newark. N. J.,	June 29, 1858
JOHN T. MOORE, Esq.,	Brooklyn, N. Y.,	June 29, 1858
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIP, D.D.,	Fishkill, N, Y.,	Oct. 16, 1860
Hon. JACOB R. WORTENDYKE,	Jersey City, N. J.,	April 8, 1862
HENRY L. JANEWAY, Esq,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
EDWARD S. BRAYTON, Esq.,	Utica, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
A. O. ZABRISKIE, LL.D.,	Jersey City, N. J.,	June 16, 1863

Rev. THOMAS C. STRONG, D.D., *Secretary of the Board.*

JOHN C. ELMENDORF, Esq., *Treasurer.*

Office—39 Albany Street, New Brunswick.

HUGH TOLAN, *Janitor.*

FACULTY.*

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT,)
THEODORE FRELINGHUYSEN Professor of Biblical Literature and Moral Philosophy.

GEORGE H. COOK, PH.D.,
(VICE PRESIDENT,)
Professor of Chemistry and Natural History.

REV. JOSEPH F. BERG, D.D.,
Professor of the Evidences of Christianity.

DE WITT TEN BROECK REILEY, A.M.,
Professor of the Latin Language and Literature.

REV. DAVID COLE, D.D.,
Professor of the Greek Language and Literature.

DAVID MURRAY, A.M., PH.D.,
Professor of Mathematics, Natural Philosophy and Astronomy.

GUSTAVUS FISCHER,
Professor of Modern Languages and Literature.

* Arranged (with the exception of the President) according to seniority of appointment.

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OR,

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UNIV. C

JAN 3 19

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW-BRUNSWICK, N. J.

1865-6.

TRUSTEES

EX OFFICIO.

His Excellency JOEL PARKER, Freehold, N. J.,
Governor of the State of New-Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton, N. J.,
Chief-Justice of the State of New-Jersey.

Hon. FREDERICK T. FRELINGHUYSEN, LL.D., Newark, N. J.,
Attorney-General of the State of New-Jersey.

Rutgers College 18-16-119

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WILLIAM H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
WILLIAM VAN DEURSEN, M.D.,	New Brunswick,	Nov. 14, 1823
Rev. JOHN GOSMAN, D.D.,	Saugerties, N. Y.,	Dec. 5, 1825
Rev. JAMES B. HARDENBERGH, D.D.,	New York City,	Dec. 5, 1825
Hon. PETER D. VROOM, LL.D.,	Trenton, N. J.,	July 15, 1828
Rev. SAMUEL B. HOW, D.D.,	New Brunswick,	April 1, 1833
Hon. A. BRUYN HASBROUCK, LL.D.,	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville, N. J.,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark, N. J.,	July 22, 1845
Rev. THOMAS E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. PETER VREDENBURGH,	Freehold, N. J.,	July 24, 1849
Rev. ISAAC N. WYCKOFF, D.D.,	Albany, N. Y.,	July 22, 1851

JOHN HOPPER, Esq.,	Paterson, N. J.,	July 22, 1851
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Rev. DAVID D. DEMAREST, D.D.,	New Brunswick.	April 13, 1858
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JOSEPH P. BRADLEY, LL.D.,	Newark. N. J.,	June 29, 1858
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EDWARD S. BRAYTON, Esq.,	Utica, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
A. O. ZABRISKIE, LL.D.,	Jersey City, N. J.,	June 16, 1863

Rev. THOMAS C. STRONG, D.D., *Secretary of the Board.*

JOHN C. ELMENDORF. Esq., *Treasurer.*

Office—89 Albany Street, New Brunswick.

HUGH TOLAN, *Janitor.*

FACULTY.*

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(VICE PRESIDENT,)
Professor of Chemistry and Natural History.

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GUSTAVUS FISCHER,
Professor of Modern Languages and Literature.

* Arranged (with the exception of the President) according to seniority of appointment.

REV. CORNELIUS ELTINGE CRISPELL, A.M.,

Professor of Ancient and Modern History, and Rector of the Grammar School.

REV. THEODORE SANFORD DOOLITTLE, A.M.,

Collegiate Church Professor of Rhetoric, Logic and Mental Philosophy.

LUTHER H. TUCKER, A.M.,

Professor of the Theory and Practice of Agriculture.

JOHN C. SMOCK, A.M.,

Tutor in Chemistry.

.

Tutor in Mathematics and Civil Engineering.

JOHN H. KNIGHT,

Manager of Experimental Farm.

* Arranged (with the exception of the President) according to seniority of appointment.

RESIDENT GRADUATE,

FRANCIS CUYLER VAN DUYCK, A.B., Coxsackie, N. Y., 72 Bayard st.,

SPECIAL STUDENT IN CHEMISTRY.

SENIOR CLASS.

Μελετᾶν τὸ πᾶν.

NAMES.	RESIDENCES.	ROOMS.
EDWARD GREEN ACKERMAN,	Spring Valley, N. Y.	37 Hertzog Hall.
ELLIS AYRES APGAR,	Peapack, N. J.	2 Hertzog Hall.
HERMAN C. BERG,	New Brunswick, N. J.	Easton Avenue.
ADAM AUGUSTUS BOOKSTAVER,	Collaburgh, N. Y.	46 Hertzog Hall.
ISAAC P. BROKAW,	Middlebush. N. J.	Middlebush.
JOHN NEILSON CARPENDER,	New Brunswick, N. J.	Lindenwood.
PAUL COOK,	New Brunswick, N. J.	College Avenue.
JOHN BLANCHARD EDGAR,	Rahway, N. J.	Rahway.
FLORIAN WELLINGTON GORDON,	New Brunswick, N. J.	Hamilton Ave.
ROBERT IMLAY HOPPER,	Paterson, N. J.	57 Albany st.
GEORGE DURYEE HULST,	E. Williamsb'gh, L. I.	15 Hertzog Hall.
JOHN BAYARD KIRKPATRICK,	N. Brunswick, N. J.	2 Livingston Ave.
JAMES NEILSON,	New Brunswick, N. J.	Woodlawn.
WILLIAM REILEY, JR.,	Holmdel, N. J.	105 George st.
JAMES LOTT SOUTHARD,	Newark, N. J.	37 Hertzog Hall.
FRANCIS HORATIO STUBBS,	New Brunswick, N. J.	62 Bayard st.
PETER VREELAND VAN BUSKIRK,	Salterville, N. J.	25 New st.
JOHN GUERNSEY VAN SLYKE,	Coeymans, N. Y.	15 Hertzog Hall.
JAMES WALTER VROOM,	Trenton, N. J.	57 Albany st.
JOHN WINNER, JR.,	Bergen, N. J.	Bergen.

JUNIOR CLASS.

Φιλοπονήσομεν.

NAMES.	RESIDENCES.	ROOMS.
SAMUEL WOODBRIDGE BERGEN,	Bay Ridge, L. I.	49 Hertzog Hall.
TUNIS G. BERGEN,	Brooklyn, L. I.	49 Hertzog Hall.
JOHN BRONSON CHURCH,	Albany, N. Y.	24 Hertzog Hall.
SAMUEL RALPH DEMAREST, JR.,	Closter, N. J.	79 George st.
ROBERT DOIG,	Green Point, L. I.	25 New st.
JOHN MCREYNOLDS GAUT,	Nashville, Tenn.	78 George st.
PETER HASBROUCK,	New Brunswick, N.J.	35 Schureman st.
JOHN VAN WAGENEN HEERMANCE,	Glenco Mills, N. Y.	49 Somerset st.
BENJAMIN CHALMERS NEVIUS,	Stuyvesant, N. Y.	22 Hertzog Hall.
THOMAS ALEXANDER PATRIE,	Livingston, N. Y.	57 Albany st.
CORNELIUS SHADDLE SEE,	New Brunswick, N. J.	56 Albany st.
BENJAMIN VAN CAMPEN TAYLOR,	New Brunswick, N. J.	54 Somerset st.
PETER LABAGH VANDERVEER,	Rocky Hill, N. J.	72 Bayard st.
WILLIAM HALSEY VAN DOREN,	Griggstown, N. J.	23 Hertzog Hall.
DEWITT VAN ZANDT,	Montgomery, N. Y.	46 Hertzog Hall.
WILLIAM PENN WILSON,	Weston, N. J.	Weston.

SOPHOMORE CLASS.

Κομιδῇ πάμμαχοι.

NAMES.	RESIDENCES.	ROOMS.
MAXIMILIAN BAHLER,	Albany, N. Y.	14 Hertzog Hall.
EDWARD BENEDICT,	Pleasantville, N. Y.	49 Schureman st.
VERNON BOND CARROLL,	Williamsb'gh, N. Y.	49 Schureman st.
ARTHUR CROSBY,	Poughkeepsie, N. Y.	30 Hertzog Hall.
WILLIAM EMERSON DAVIS,	Guilderland Centre, N.Y.	1 Hert. Hall.
HERBERT ARMITAGE DRAKE,	Hopewell, N. J.	62 Church st.
COERT DUBOIS,	Hudson, N. Y.	25 New st.
MOLTON HOOKS FORREST,	Bergen Point, N. J.	55 Church st.
FREDERICK FRELINGHUYSEN,	Newark, N. J.	Newark.
ARCHIBALD MERCER,	Newark, N. J.	Newark.
WILLIAM HENRY RANKIN,	Newark, N. J.	56 Schureman st.
SEYMOUR ROYAL SMITH,	Waterloo, N. J.	79 George st.
THOMAS MORRIS STRONG,	New York City.	25 New st.
NELSON DEWITT STRYKER,	Kingston, N. J.	Kingston.
ALEXANDER JOSEPH SWIFT,	New Brunswick, N. J.	54 George st.
DANIEL TALMAGE, JR.,	Bound Brook, N. J.	Bound Brook.
EDWARD CADY THOMAS,	San Francisco, Cal.	19 College Ave.
ANDREW WEBSTER VAN SLYKE,	New Baltimore, N. Y.	69 Albany st.
GOVERNEUR RUTGERS VROOM,	Trenton, N. J.	Trenton.

FRESHMAN CLASS.

Ἀνδριζώμεθα.

NAMES.	RESIDENCES.	ROOMS.
JOHN G. BERDAN,	Paterson, N. J.	72 Bayard st.
EDGAR BERGEN,	Flatlands, L. I., N. Y.	3 Hertzog Hall.
JOHN ARTHUR BLISH,	New Brunswick, N.J.	New Brunswick.
THEODORE DOUGLAS FRAZEE,	Millstone, N. J.	Millstone.
WILLIAM ELLIOT GRIFFIS,	Philadelphia, Pa.	39 Hertzog Hall.
JOHN HART,	Richboro, Pa.	13 Hertzog Hall.
EBENEZER PLATT JOHNSON,	Upper Red Hook, N.Y.	69 Albany st.
CHARLES LUMAN KNAPP,	Lowville, N. Y.	35 Schureman st.
GEORGE WARNE LABAW,	Harlingen, N. J.	78 George st.
EDWARD LODEWICK,	East Greenbush, N.Y.	13 Hertzog Hall.
PARSHALL D. NICHOLS,	Lockport, N. Y.	49 Schureman st.
GEORGE WHITEFIELD ROBINSON,	Tottenville, S. I., N.Y.	22 Hertzog Hall.
EDWARD DWIGHT SHEPARD,	Hudson, N. Y.	72 Bayard st.
NICHOLAS TERHUNE,	Paterson, N. J.	72 Bayard st.
WILLIAM LITTLE TERHUNE,	Matawan, N. J.	149 George st.
MOTT BEDELL VAIL,	New Brunswick, N.J.	74 Carroll Place.
JACOB CRAIG VAN BLARCOM,	Paterson, N. J.	69 Albany st.
JOHN TALMADGE VAN CLEEF,	Jersey City, N. J.	Jersey City.

RUTGERS SCIENTIFIC SCHOOL.

THIRD CLASS.

NAMES.	RESIDENCES.	ROOMS.
CHARLES BARNES,	Poughkeepsie, N. Y.	79 George st.
GARRETSON HAGEMAN,	Middlebush, N. J.	Middlebush.
GEORGE AUGUSTUS MUSHBACK,	Deckertown, N. J.	2 French st.
BLOOMFIELD JACKSON MILLER,	Newark, N. J.	Newark.
EDWARD CLARENCE PEARSON,	Plainfield, N. J.	62 Church st.
JOHN ALEXANDER RUTHERFURD,	Newark, N. J.	Newark.
FLOYD MARVIN VANDEROEF,	Florida, N. Y.	79 George st.

RECAPITULATION.

NEW JERSEY	47
NEW YORK	30
PENNSYLVANIA	2
TENNESSEE	1
CALIFORNIA	1
TOTAL	81

SUMMARY.

RESIDENT GRADUATE	1
SENIORS	20
JUNIORS	16
SOPHOMORES	19
FRESHMEN	18
RUTGERS SCIENTIFIC SCHOOL, THIRD CLASS	7
TOTAL	81

ADMISSION.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Candidates for admission to the Freshman Class are required to pass satisfactory examinations upon the following subjects, viz:

LATIN.

Andrews & Stoddard's or Harkness' Grammar.

Fischer's Manual of Latin Grammar and Composition.—First Part.

Cæsar's Gallic War.

Two books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian law, for the poet Archias, and for King Deiotarus.

GREEK.

Crosby's Greek Grammar.

Crosby's Greek Lessons.

Xenophon's Anabasis (three books).

Arnold's First Greek Book entire.

MATHEMATICS.

Arithmetic complete.

Algebra to Quadratic Equations.

GEOGRAPHY.

Ancient and Modern Geography.

In Latin and Greek, a full equivalent to what is stated above will be received.

Students applying for admission to an advanced class are required to pass satisfactory examinations upon all the previous studies of the class, or upon their equivalents.

Students who desire to pursue particular branches of study may be allowed to do so, if properly prepared to go on with the classes in such branches, and special provision is made for such students in the departments of practical science.

The following requirements are stated more specifically for the benefit of those who wish to know, with greater precision, in what things they are expected to be proficient. They do not represent the maximum, and it is earnestly recommended that every applicant for admission to the Freshman Class should exceed them.

LATIN.

Andrews & Stoddard's Latin Grammar is the standard from which rules are cited, although in advanced classes other Grammars, especially Zumpt's, are used for purposes of reference. The student is expected to have been thoroughly drilled in the declension of nouns, and the rules for gender, in the declension and comparison of adjectives; in the declension of pronouns; in the formation and conjugation of verbs, and in their synopsis. In the syntax a complete acquaintance is of course required with all the simpler rules. In addition to this, there are many very important points which are often neglected. Examples of these are the special rules for the oblique cases, as for instance the ablative of time, of price, of respect, of means, etc; the consecution of tenses in dependent sentences; the use of the subjunctive; the use of the infinitive, and the gerundive construction.

Latin Composition.—In Latin Composition, the greatest amount of exercise which the student can have, will give him most rapidly the best and firmest knowledge of the Language, and will make his college course more pleasant and beneficial. A full equivalent will be received instead of what has been named.

Text.—It is required that a student shall have read Cæsar, two books of Virgil's Æneid or of Ovid's Metamorphoses, and the seven orations of Cicero mentioned above. The examination will rest much more,

however, on how the author has been studied, than on how much has been passed over; on quality, rather than quantity. It is recommended that much more attention be paid to prose than to poetry, as from prose only the student can learn the regular forms of the language.

PRONUNCIATION.—A uniform pronunciation is desired. The system followed is the continental, though differing somewhat from that so called, usually found in the grammars. This system is dictated to all the students. Any student, however, who has used the continental, will find little difficulty in accommodating himself to the differences he will meet here.

For correctness of pronunciation, the rules of Prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

Especial attention is called to the following rules in Andrews & Stoddard's Grammar—to the General Rules, §283, and the rules for the increment of nouns and verbs, §§286 to 290 inclusive, with the exceptions.

It is recommended that the student read some popular History of Rome, to serve as a basis for his College course in that study.

EXAMINATION.—The examination is regularly conducted in writing.

GREEK.

The examination will be

I. Upon the Grammar.

Crosby's Grammar is used in the College, and its use is recommended in the preparation of students. The applicant must be *familiar* with all the tables, rules of Syntax and forms of Analysis and Parsing given in the first eighty-four pages. These bring into application all the general principles of Greek Grammar taught in the rest of the book. The examination will be conducted orally and in writing. It will extend both to forms and principles, and will thoroughly test the knowledge of the Grammar.

II. Upon Arnold's First Greek book (latest edition).

The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this

class in the notice of the School at the end of the catalogue.) The examination upon this must be satisfactory. The student who fails in it cannot compete with his class.

III. Upon Greek text and translation.

Text must be read with correctness and fluency. In pronouncing, the quantity of the vowels and not the written accent should be followed. The *ictus* is laid upon the penult when long, in every other case upon the ante-penult. Let the everywhere prevailing tendency to lay it upon the ultimate in declining or conjugating forms and in reading text be avoided with the greatest care.

Crosby's Greek Lessons entire and Xenophon's Anabasis (three books) will be the ground of examination in text. Translation must be accurate, and skill in parsing will be severely tested.

MATHEMATICS.

For admission a satisfactory examination will be required on all the essential points of Arithmetic; especially on Common and Decimal Fractions, and Square and Cube Root.

The text book in Algebra used in the College is Loomis' Algebra, and nothing less than what is fully equivalent to the specified amount in this work can be accepted.

In the preparation for examination both upon Arithmetic and Algebra, it is recommended that much time be spent in solving examples and problems, so that not only the principles may be understood, but a habit of neat and *rapid* computation may be attained.

GEOGRAPHY.

In the geography of Ancient Italy, the students will be examined in regard to its different divisions and boundaries, its principal mountains, rivers and cities. The geography of Latium and of Etruria in the neighborhood of Rome should be studied with care.

In the geography of Ancient Greece, a knowledge of the outlines, the principal mountains, rivers and cities, as well as of the political divisions, is required.

Modern Geography will also form a subject of examination, especially in regard to the natural divisions of the globe, the zones and their different climates, the principal natural features of the several parts of the globe, as well as the political divisions of the earth's surface.

TIME OF EXAMINATION.

The regular examination for admission to College takes place on Monday and Tuesday before Commencement, beginning at 9 o'clock, A. M., in the President's room. All who can do so are requested to present themselves on Monday. Applicants for admission may also be examined on Wednesday and Thursday, Sept. 19th and 20th, at the same hour and place.

PROBATION.

A probation of one term is required before students are matriculated, during which time they are subject to all the College statutes.

COURSE OF INSTRUCTION.

FRESHMAN CLASS.

FIRST TERM.

1. LATIN—Livy (first book), Latin Prose Composition, Dictated Exercises, Andrews & Stoddard's Latin Grammar.
2. GREEK—Xenophon's Memorabilia (selected portions), Arnold's Greek Prose Composition, Crosby's Greek Grammar, Written Translations from Greek into English.
3. MATHEMATICS—Loomis' Algebra, from Quadratic Equations to Infinite Series.
4. RHETORIC—Lectures and Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.

SECOND TERM.

1. LATIN—Cicero De Senectute, Latin Prose Composition, Dictated Exercises, Andrews & Stoddard's Latin Grammar, Mythology (Eschenberg).
2. GREEK—Memorabilia and Iliad or Odyssey (selected portions), Greek Prose Composition, Greek Grammar, Written Translations, Ancient Geography (Eschenberg).
3. MATHEMATICS—Loomis' Geometry (plane), six books.
4. RHETORIC—Lectures and Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.

THIRD TERM.

1. LATIN—Livy (21st book), Latin Prose Composition, Andrews & Stoddard's Latin Grammar, Written Translations from Latin into English, Mythology (Eschenberg.)
2. GREEK—Odyssey, Prose Composition and Grammar, Written Translations, Ancient Chronology (Eschenberg).
3. MATHEMATICS—Loomis' Geometry (solid), four books.
4. RHETORIC—Essays.
5. ANCIENT HISTORY.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

SOPHOMORE CLASS.

FIRST TERM.

1. LATIN—Cicero de Amicitia, Latin Composition, Zumpt's and Madvig's Grammars.
2. GREEK—Herodotus (selections), Prose Composition, Written Translations.
3. MATHEMATICS—Loomis' Algebra completed.
4. RHETORIC—Essays; Lectures on English Language and Literature.
5. MODERN HISTORY.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.
8. HEBREW.

SECOND TERM.

1. LATIN—Cicero de Officiis, Latin Composition, Zumpt's and Madvig's Grammars, Roman Antiquities.
2. GREEK—Herodotus and Thucydides (selections), Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Trigonometry, with applications to Surveying and Navigation.
4. RHETORIC—Essays; Lectures on English Language and Literature.
5. MODERN HISTORY.
6. MODERN LANGUAGES—French.
7. BIBLICAL RECITATIONS.
8. ELOCUTION.

THIRD TERM.

1. LATIN—Tacitus, Latin Composition, Zumpt's and Madvig's Grammars, Roman Antiquities.
2. GREEK—Thucydides, Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Analytical Geometry or Conic Sections.
4. RHETORIC—Essays.
5. MODERN LANGUAGES—French.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

JUNIOR CLASS.

FIRST TERM.

1. GREEK—Demosthenes, Lectures on Greek Literature.
2. MATHEMATICS—Differential and Integral Calculus.
3. CHEMISTRY AND PHYSICS—Lectures.
4. RHETORIC—Day's Rhetoric and Essays.
5. MODERN LANGUAGES—German.
6. BIBLICAL RECITATIONS.
7. ELOCUTION—Original speeches.

SECOND TERM.

1. LATIN—Plautus, Horace, Catullus, Ovid, Original Latin Composition, Lectures on Roman Literature.
2. CHEMISTRY AND PHYSICS—Lectures.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Bowen's Metaphysics of Sir Wm. Hamilton, with comments.
4. RHETORIC—Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION—Original speeches.
7. HEBREW.

THIRD TERM.

1. GREEK—A tragedy, Lectures on Greek Literature.
2. MECHANICS—Statics, Dynamics, Hydrostatics, Hydrodynamics, Acoustics, Optics.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Bowen's Metaphysics of Sir Wm. Hamilton, with comments, and Lectures.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. RHETORIC.
7. ELOCUTION—Original speeches.

SENIOR CLASS.

FIRST TERM.

1. Latin—Juvenal, Cicero's Tusculan Disputations or Quintilian, Latin Essays, Lectures.
2. Physics—Heat, Electricity and Magnetism.
3. Evidences of Christianity—Lectures.
4. Moral Philosophy—Wayland and Hopkins; Lectures.
5. Political Economy—Lectures.
6. Rhetoric—Essays.
7. Modern Languages—German.
8. Biblical Recitations.
9. Elocution—Original Speeches.

SECOND TERM.

1. Astronomy.
2. Evidences of Christianity—Lectures.
3. Moral Philosophy—Wayland and Hopkins.
4. Logic—Thomson, Lectures.
5. Political Economy—Lectures.
6. Rhetoric—Essays.
7. Modern Languages—German.
8. Biblical Recitations.
9. Elocution—Original speeches.

THIRD TERM.

1. Greek—Plato.
2. Architecture—Lectures.
3. Geology—Lectures.
4. Evidences of Christianity—Lectures, and Butler's Analogy.
5. Constitution of the United States—Sheppard.
6. Rhetoric.
7. Biblical Recitations.
8. Elocution—Original speeches.
9. Hebrew.

LECTURES.

The following lectures, either occasional, or in courses, are delivered to the classes of College during the year :—

TO THE FOUR CLASSES COMBINED.

By the PRESIDENT :—On Tuesdays throughout the year, a course of lectures on Biblical Criticism.

TO THE SENIOR CLASS.

FIRST TERM, By PROFESSOR COOK ; on Physics.
By PROFESSOR REILEY ; on Latin Literature.
SECOND TERM, By PROFESSOR DOOLITTLE ; on the history and uses of Logic.
THIRD TERM, By the PRESIDENT ; on Hebrew Language.
By PROFESSOR COOK ; on Geology.
By PROFESSOR MURRAY ; on Architecture.

TO THE JUNIOR CLASS.

FIRST TERM, By PROFESSOR COOK ; on Chemistry.
By PROFESSOR COLE ; on Greek Language & Literature.
SECOND TERM, By the PRESIDENT ; on Hebrew Language.
By PROFESSOR COOK ; on Chemistry.
By PROFESSOR REILEY ; on Latin Literature.
By PROFESSOR DOOLITTLE ; on Mental Philosophy.
THIRD TERM, By PROFESSOR COLE ; on Greek Language & Literature.

TO THE SOPHOMORE CLASS.

FIRST TERM, By the PRESIDENT ; on Hebrew Language.
By PROFESSOR DOOLITTLE ; on English Language and Literature.
SECOND TERM, By PROFESSOR COLE ; on Greek Antiquities.
By PROFESSOR DOOLITTLE ; on English Language and Literature.
THIRD TERM, By PROFESSOR DOOLITTLE ; on English Language and Literature.

TO THE FRESHMAN CLASS.

PROFESSOR DOOLITTLE ; a course of ten Lectures in illustration of the rules of Rhetoric. Also a course of ten Lectures on Elocution.

REMARKS ON THE COURSE OF INSTRUCTION.

LATIN.

The Freshman and Sophomore years are devoted to reading prose authors, with the view of forming, in connection with Latin Composition, a good Latin style. The knowledge of a language must be acquired from its prose, and not from its poetry. The student should be thoroughly versed in all the regular forms, as found in its classic prose, and then he will readily mark the peculiarities of construction, order and expression of its poetry. Besides, the poetry is better appreciated by the student in a more advanced class. For these reasons, the poets are not read, until the last two years, and then in connection with lectures on the literature of the Language.

During the Freshman and Sophomore years, most attention is given to authors of the classic period, and especially to Cicero and Livy. During the Freshman year, the students receive a thorough drill upon the grammar, especially on its application to the author under discussion, and in Latin Composition.

In the Sophomore year, at present, the class use in composition Tischer's Uebungsbuch, prepared especially for Zumpt's and Madvig's grammars. These exercises are translated for them into English, and they use these grammars in rendering them into Latin. Thus they pass again over the entire Syntax with thorough exercises, and are introduced to the study of the higher Grammars. In the text, the students are further exercised in the principles of the language. Attention is now particularly given to exceptions and rarer usages, synonyms and idioms. In these two years the students are made acquainted with the history, mythology and antiquities of Rome.

In the Junior and Senior years, the classes devote the most of their time to reading as many as possible of the Roman poets, in chronological order, beginning with Plautus, and closing with Juvenal, in connection with lectures on the literature. A philosophical or rhetorical treatise is read during the Senior year, accompanied by lectures.

GREEK.

The table of studies shows the authors used. In the Freshman year, selected portions of the Memorabilia and of the Odyssey or Iliad are read. More regard is paid to quality than to quantity. Portions of Herodotus and Thucydides are read in the Sophomore year. In these two years the translations are made both orally and in writing. No effort is spared to render the students familiar with the principles of the language, and critical in translating text. The particles receive the closest attention, and great care is taken to bring out their exact and full force. The signification of the tenses both alone and in consecution is required to be given with accuracy. In the Freshman year, Crosby's Grammar will be kept up, and Arnold's Greek Prose Composition will be studied. The forms and exercises in both will be recited orally and written out also. The written exercises are accompanied with the breathings and accents, and are subjected by the class to the severest criticism under the direction of the Professor. The Freshmen recite Greek daily, and the Sophomores during the first and second terms three times, and during the third term, four times a week. The requisitions for entrance are now such, that the Sophomore class can read far more Greek than heretofore, but the parsing will be very close until the end of this year.

The Juniors read an oration of Demosthenes and one of the tragedies carefully, but rapidly. The study of Greek Antiquities and the delivery of Lectures on the Greek Language and Literature are now brought into the course. The Juniors attend the Greek Professor three times a week during the first and third terms of the year. Their attention is directed less to Grammar, and more to higher ranges of thought connected with a comprehensive course of study in this department.

The Seniors read during the third term a treatise of Plato or a book of the Greek Testament, three times a week, and prepare original Greek compositions for criticism.

The aim of the entire course is to make the student thoroughly acquainted with the Greek language, and to awaken his interest in the rich and extensive field of research, which he can thoroughly explore only in subsequent life.

MATHEMATICS, MECHANICS AND ASTRONOMY.

The studies of this department are pursued in the following order.

FRESHMAN.

FIRST TERM.—Algebra—Quadratic Equations, Ratio and Proportion, Arithmetical and Geometrical Progressions, Permutations and Combinations, Involution and Evolution. Attention paid to the cultivation of a neat and rapid style of computation.

SECOND TERM.—Plane Geometry, including the solution and construction of practical linear problems. Six books of Loomis' Geometry.

THIRD TERM.—Solid Geometry — Loomis' Geometry, Books VII., VIII., IX. and X.

SOPHOMORE.

FIRST TERM.—Algebra—Infinite Series, General Theory of Equations, Solutions of Numerical Equations and Logarithms.

SECOND TERM.—Trigonometry—Plane and Spherical Trigonometry, Mensuration of Surfaces and Solids and Surveying. Students trained in the practical computation of plane and spherical triangles, and in making, computing and plotting surveys.

THIRD TERM.—Analytical Geometry or Conic Sections. The analytical method usually studied in preference to the geometrical on account of its greater fertility in useful results.

JUNIOR.

FIRST TERM.—Differential and Integral Calculus.

THIRD TERM.—Mechanics—Statics, Dynamics, Hydrostatics and Hydrodynamics, Acoustics and Optics.

SENIOR.

SECOND TERM.—Astronomy. In addition to the study of the theory of the subject, the problems in practical Astronomy, of Time, Latitude and Longitude, with the character of the observations necessary for their solution, will be discussed.

THIRD TERM.—Architecture.—The subject will be treated in a short series of lectures, with illustrations taken from ancient and modern art. They will give the principles of construction and architecture, as well as an account of the prominent styles which have prevailed in different ages.

NATURAL SCIENCE.

In the course of instruction in this department, the object is to furnish by appropriate experiments and observations, facts from which the great principles of science are deduced; to illustrate by a selected series of experiments the methods of investigating natural phenomena; and to so group together and combine the various truths exhibited, that, to the thinking mind, they may not be looked upon as a mere collection of curious facts, but as related and dependent truths which form a part of one great harmonious whole.

The application of science to the industrial arts is also kept constantly in view.

CHEMISTRY is taught during the Junior year by Lectures with experiments and recitations.

PHYSICS is taught during parts of the Junior and Senior years by lectures and experiments, in connection with the text-book.

BOTANY is studied in connection with the analysis of plants, during the third term of the Junior year.

GEOLOGY AND MINERALOGY.—A full course of lectures, illustrated by specimens of minerals, rocks, fossils, &c., from the College cabinet, is given during the third term of the Senior year.

College students desiring practical instruction in Natural Science can have facilities for doing so in the Scientific School.

BIBLICAL INSTRUCTION.

The course of Biblical Instruction contemplates making the student acquainted with the Hebrew of the Old Testament, and the Greek of the New Testament, so that he may feel at home in reading the Original Scriptures. Besides this, all the Students attend a recitation in the Greek New Testament every Sabbath morning. A weekly Lecture will also be delivered to all the undergraduates. These Lectures are designed to compose a four years' course on Biblical Criticism, Biblical Interpretation, the Historical Introduction to the books of the Bible, and the classification and consideration of the chief difficulties of the Old and New Testaments.

BELLES-LETTRES.

ELOCUTION.—During the Freshman year lectures are delivered on the general principles of Elocution. And a practical application of these principles is made by appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there is an exercise in Oratory once a week in the College Chapel,—attended by all the Students and by the Faculty,—at which three members of the Freshman and Sophomore classes respectively are required to declaim, using, if they choose, selected pieces; and two members of the Junior and Senior classes respectively are required to deliver original orations.

ENGLISH LANGUAGE AND LITERATURE.—These subjects are treated of in a course of twenty lectures which are delivered to the Sophomore class. It is designed here, by acquainting the student early in his course with the best authors and their choicest thoughts, to inculcate a literary taste, to lead him to a profitable employment of his leisure hours, and even moments, in pursuing a well-arranged system of reading, and to teach him how by analysis and criticism to attain the highest benefit from what he reads.

RHETORIC.—In connection with Composition,—an exercise in which is required once a month from every student in College,—the general rules of Rhetoric are dictated to the Freshman class. And in the first term of the Junior year the study of Rhetoric, in its philosophical principles, is pursued with great care and thoroughness.

MENTAL PHILOSOPHY.—Hickok's Empirical Psychology and Hamilton's Metaphysics, arranged by Bowen, are the guide books in this department. But neither is implicitly followed. The aim is rather to arouse the student, by a diligent comparison of different authors, to investigate the open questions of Philosophy independently, and thus to train him to a comprehensive and cautious deliberation as well in adopting the conclusions of others as in forming and advancing his own. As opportunity offers, lectures upon important topics are interspersed through the course.

LOGIC.—In connection with the use of Thomson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

THE NATURAL HISTORY SOCIETY.

OF RUTGERS COLLEGE,

which has for its objects the cultivation of Natural Science, and the formation of a cabinet of Natural History and Antiquities, furnishes increased facilities in this department of knowledge. It is constantly receiving additions to its collection of specimens of rocks, minerals and fossils, also Zoological and Botanical specimens, and objects of antiquarian and historic interest. Friends of the College are earnestly invited to continue their generous contributions to this growing museum of Natural History.

EXAMINATION OF UNDER GRADUATES.

The classes are all examined at the close of each term on all the studies of the term. The Senior class has its final examination four weeks before Commencement.

TERMS.

The Academic year consists of three terms, the first beginning on the 20th day of September and ending on the Wednesday before Christmas, the second beginning on the first Thursday after New Year's day and ending on the first Wednesday of April, and the third beginning on the Thursday after the second Wednesday of April and ending on the next before the last Wednesday ot June.

EXPENSES.

Tuition per Annum	$45 00
Incidental Expenses	8 00
Admission Fee	5 00

Of the above, the admission fee is payable to the College Treasurer on entrance; the incidental expenses at the beginning of the first term, and of the tuition fee $25 is payable at the beginning of the first term, and the remaining $20 at the beginning of the third term.

Each candidate for the degree of A. B. is required to pay to the Treasurer a graduation fee of seven and a half dollars for the cost of the diploma and conferring the degree, and degrees will not be conferred until such fees are paid.

Board and room rent, not including fuel or lights, can be obtained in

respectable families in town in ordinary times, at $2.50 to $4.00 per week; board without rooms, $2.00 to $2.50. Students having the ministry in view can obtain rooms at Hertzog Hall at $5.00 per annum; the expenses for fuel and light being about $8.00 per annum. At present the rates of board, fuel and light are increased at least fifty per cent.

BOARDING HOUSES.

The Students shall board at such places only as are approved by the Faculty.

The Faculty have power to pass such rules and regulations relative to the number of boarders in each house as they think proper.

No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming; or be absent from his room except at such hours as shall be prescribed by the Faculty,

ATTENDANCE, ETC.

The Students are required to attend Prayers in the College Chapel.

The recitation hours are from 9 o'clock, A. M., to 1 o'clock, P. M., during five days of the week.

A Sermon is delivered every Sabbath morning in the College Chapel, by one of the Clerical officers of the Faculty. The Students are required to be present, and also to attend Public Worship in the afternoon, at such places as their parents or guardians may direct. The Professors are charged with the moral and religious, as well as the intellectual training of the Students.

All the Students are obliged to attend Biblical recitations every Sabbath morning in the Chapel.

No Students are allowed to leave the city during the sessions without permission from the President.

BOARD OF VISITORS

OF THE

RUTGERS SCIENTIFIC SCHOOL.

(APPOINTED BY THE GOVERNOR.)

		RESIDENCES.	TERM EXPIRES.
1st Cong. Dist.,	JAMES M. MECUM, . .	Salem.	April 12, 1868
" "	HORATIO J. MULFORD, . .	Bridgeton.	April 12, 1866
2nd Cong. Dist.,	WILLIAM H. HENDRICKSON,	Middletown.	April 12, 1868
" "	MOSES WILLS, ...	Mt. Holly.	April 12, 1867
3rd Cong. Dist.,	JAMES BISHOP, . . .	N. Brunswick.	April 12, 1866
" "	D. KERR FREEMAN, . .	Belvidere.	April 12, 1870
4th Cong. Dist.,	JOHN HUYLER, . . .	Hackensack.	April 12, 1869
" "	JOHN COOKE, ...	Paterson.	April 12, 1870
5th Cong. Dist.,	CORNELIUS VAN VORST,	Jersey City.	April 12, 1869
" "	ROBERT L. DASHIELL, .	Newark.	April 12, 1867

RUTGERS SCIENTIFIC SCHOOL.

To meet the demands for education in practical science the Trustees of Rutgers College have established a department of the College under the name of the "Rutgers Scientific School." This school has been designated by the Legislature of New Jersey, the State "College for the benefit of Agriculture and the Mechanic Arts," in conformity with the Act of Congress of 1862, "donating public lands to the several States and Territories which may provide Colleges for the benefit of Agriculture and the Mechanic Arts." The lands donated by this Act, were by law ordered to be sold, the proceeds to be invested, and the interest "to be devoted wholly and exclusively to the maintenance in that department of Rutgers College known as Rutgers Scientific School, of such courses of instruction as (including the courses of instruction already established) shall carry out the intent of the Act of Congress."

The law passed by the Legislature of New Jersey requires that in consideration of the income from the invested funds derived from the sale of lands being paid to the Trustees of Rutgers College, the Scientific School shall receive and educate gratuitously a certain number of students from the State of New Jersey, and makes the following provisions in regard to their number and appointment:

"The number of pupils to be so received gratuitously into said school shall be in each year such a number as would expend a sum equal to one half of the said interest for the same year, in paying for their instruction in said school, if they were required to pay for it at the regular rates charged to other pupils of said school, for the same year; said pupils so nominated and received shall be citizens of this State, and shall be admitted into said school upon the same terms and subject to the same rules and discipline which shall apply to all other pupils of said school, with the single exception that they shall not be required to pay anything for their instruction." "The Students of Agriculture and the Mechanic Arts shall be admitted into said College upon the recommendation of the Board of Chosen Freeholders of their respective Counties, and the number of students that a County shall at any one time be entitled to

have in said College shall be equal to the number of representatives in the Legislature to which such County is entitled, or in proportion to the same."

The law also provides for the appointment by the Governor and Senate of a Board of Visitors consisting of ten persons, two from each Congressional district, who "shall possess general powers of supervision and control, and shall report to the Legislature such recommendations as to them may seem proper."

A part of the lands appropriated to the State of New Jersey were sold prior to the opening of the present College year, and the Trustees opened the Scientific School at the beginning of the first term to a limited number of students of the Third class. The remainder of the lands has since been sold, and the School will be opened for the admission of the full number of State students at the beginning of the next College year, September, 1866.

The Scientific School receives in addition to students sent by State authority, all students from the State of New Jersey or other States, who may desire and are prepared to pursue its course of study.

COURSES OF STUDY.

The studies will be given in two courses, viz:

I. Civil Engineering and Mechanics.

II. Chemistry and Agriculture.

Either of these will occupy three years.

During the first year and the first term of the second year the studies of the two courses will be the same.

The studies pursued include the following:

Practical Chemistry, Chemical Analysis, and Chemistry applied to the Arts.

Land Surveying, Topographical Surveying, Civil Engineering, Architecture and Draughting.

Mechanical Philosophy, Machinery, Hydraulics.

Agriculture.

Geology and Mineralogy, and their application to Mining and Metallurgy.

Botany and Geology, with their relations to Vegetable and Animal Physiology.

Astronomy and Navigation.

Military Tactics.

French and German.

Instruction will also be afforded in Rhetoric, Mental Philosophy, History, Political Economy and International Law.

Courses of Lectures to adults upon various departments of Agriculture and the Mechanic Arts will also be given at stated times, through the second term of the year.

ARRANGEMENT OF STUDIES.

FIRST YEAR.

I. Course in Civil Engineering and Mechanics.

FIRST TERM.

Algebra, Quadratic Equations.
Geometry—three books.
Draughting—Constructing Problems.
Elementary Principles of Zoology and Mineralogy.
Rhetoric, Exercises in Elocution and Composition.
French.

SECOND TERM.

Geometry, finished.
Geometrical Draughting.
Meteorology and Modes of Keeping Meteorological Register.
History—Composition and Declamation.
Book-Keeping.
French.

THIRD TERM.

Algebra, finished.
Mensuration—Line Surveying.
Elements of Botany.
Physical Geography.
History, Composition and Declamation.
Drawing.
French.

II. Course in Chemistry and Agriculture.

FIRST TERM.

Algebra, Quadratic Equations.
Geometry—three books.
Draughting—Constructing Problems.
Elementary Principles of Zoology and Mineralogy.
Rhetoric, Exercises in Elocution and Composition.
French.

SECOND TERM.

Geometry, finished.
Geometrical Draughting.
Meteorology and Modes of Keeping Meteorological Register.
History—Composition and Declamation.
Book Keeping.
French.

THIRD TERM.

Algebra, finished.
Mensuration—Line Surveying.
Elements of Botany.
Physical Geography.
History, Composition and Declamation.
Drawing.
French.

SECOND YEAR.

FIRST TERM.	FIRST TERM.
Trigonometry, Surveying and Navigation.	Trigonometry, Surveying and Navigation.
Descriptive Geometry and Draughting.	Descriptive Geometry and Draughting.
Elements of Chemistry and Mineralogy.	Elements of Chemistry and Mineralogy.
Rhetoric, Composition, Declamation.	Rhetoric, Composition, Declamation.
French.	French.
SECOND TERM.	**SECOND TERM.**
Analytical Geometry.	Analytical Chemistry, qualitative.
Descriptive Geometry and Draughting.	Physics and General Chemistry.
Physics and General Chemistry.	Mineralogy.
Mechanics—Text book in French.	Agriculture—Its Principles.
Strength of Materials, Stability of Structures.	English Composition and Declamation.
English Composition and Declamation.	German.
German.	
THIRD TERM.	**THIRD TERM.**
Differential and Integral Calculus.	Physics and Chemistry.
Levelling, R. R. Engineering and Topography.	Analytical Chemistry—quantitative.
Topographical Draughting.	Agriculture—Its Processes.
Optics and Optical Instruments.	Mental Philosophy—Essays.
Mental Philosophy—Essays.	German.
German.	

THIRD YEAR.

FIRST TERM.	FIRST TERM.
Astronomy and Use of Astronomical Instruments.	Metallurgy and Mining.
Engineering Constructions, Roads, Bridges, &c.	Elements of Geology.
Moral Philosophy, Essays.	Moral Philosophy, Essays.
German.	German.
	Agriculture—Its Products.
	Farm Accounts.
SECOND TERM.	**SECOND TERM.**
Geodetical Surveying.	Elements of Technology.
Machinery—Motive Powers, &c.	Agriculture—Its Products, continued.
Machines employed in Engineering.	Geology.
Geology.	Political Economy.
Political Economy.	German.
German.	
THIRD TERM.	**THIRD TERM.**
Hydraulic Engineering.	Agriculture—Horticultural Products and Rural Embellishment.
Designs for and Discussions of Constructions and Machines.	Theses on Scientific and Practical subjects.
Architecture.	Constitution of the United States.
Constitution of the United States.	

THEORY AND PRACTICE OF AGRICULTURE.

OUTLINE OF THE COURSE.

Instruction in the Theory and Practice of Agriculture will be conveyed for the present mainly by Lectures, except where suitable text-books can be obtained.

Opportunities for observation upon the College Farm will be given from time to time, and we hope to secure ere long, a cabinet of specimens and models by which the Lectures delivered may be illustrated and exemplified. During the Terms mentioned below, the following subjects will be treated.

I. SECOND TERM, SECOND YEAR.—Agriculture, its *Principles.*

Its development and present condition as an Art.

Its connection with the several branches of science.

The economic requisites of vegetable growth, including soils, and the theory of manures.

II. THIRD TERM, SECOND YEAR.—Agriculture, its *Processes.*

Tillage, plowing; the physical manipulation of the land.

Implements and Machinery.

Drainage, Irrigation, etc.

The Practice of Manures.

Farm Buildings—their construction and arrangement.

III. FIRST TERM, THIRD YEAR.—Agriculture, its *Products.*

1. *Farming and Farm Crops.*

The cereals, their cultivation, their management and uses.

Hemp, Flax and other commercial crops.

Root Crops and the Legumes.

Grasses and the care of Pasture Lands.

Rotation of Crops, and the use of Artificial Fertilizers.

IV. SECOND TERM, THIRD YEAR.—*Products continued.*

2. *Animals and Animal Products.*

The Principles of Breeding and the various Improved Breeds.

The care of Domestic Animals and Fattening for Market.

Dairy Management, including Milk, Butter and Cheese.

Animals of Draught.

V. THIRD TERM, THIRD YEAR.—*Products continued.*

3. *Horticultural Products and Rural Embellishment.*

The Orchard, including the Nursery propagation of Trees.

The Market Garden; forcing of plants and fruits.

The Vineyard; manufacture of wine, cider, &c.

Ornamental Trees and Shrubs, Landscape Gardening.

Either during the First Term of the Second Year, or subsequently, the study of Bookkeeping will be continued with special reference to *Farm Accounts*, which is believed to be one of the most important branches of study, and opportunities of practice will ultimately be afforded the students in keeping the accounts of the College Farm. The study of *Botany* will also be continued with direct bearing upon the plants, useful or injurious, which the farmer most frequently meets. Some attention will also be given to *Entomology*, either as a separate branch, or in connection with those Farm and Orchard products which suffer most from insect depredators.

The lectures of the different terms are adapted as far as possible to the seasons when they can best be practically exemplified.

For College Graduates and other advanced students who may wish to take a one year course in Agriculture only, the lectures will be so arranged that such students can attend a double course during two-thirds of the year, thus:

1ST TERM—The lectures numbered.....III.
2D " " " " I AND IV.
3D " " " " II AND V.

MILITARY TACTICS.

During the third term of each year, the students will be drilled in Military tactics, including infantry and artillery. They will also be instructed in the principles of Military Engineering and Fortification, and will be afforded opportunities for visiting the various military posts and fortifications in the vicinity.

APPLIANCES.

Among the advantages offered for the profitable pursuit of the above studies are:

I. The Library, the Collections, the Literary Societies, and all the facilities for literary education furnished by Rutgers College.

II. A Farm, where special attention will be given to Market Gardening, and to the cultivation of fruits; where the best modes of culture and the most improved implements are used; and where a system of keeping a full and complete account of all the operations, expenses and income of the farm can be studied.

III. An Observatory, arranged and fitted with all the instruments needed for teaching practical astronomy.

IV. Accommodations for a Laboratory and Museum, with ample room for lectures upon experimental science, and for the practical operations of analytical chemistry; and where special provision is made for spreading out and exhibiting the collections of the minerals, rocks, fossils, plants and animals of the State.

V. Full sets of instruments for Surveying and Engineering.

VI. Excursions to mines, manufactories, &c., made under the direction of professors.

ADMISSION, FEES, &c.

Applicants for admission to either of the above courses, as candidates for a diploma, must be, at least, sixteen years of age, and must bring testimonials of good moral character. They must also pass a satisfactory examination in the following subjects, viz :—Arithmetic, Algebra to Quadratic Equations, English Grammar and Geography.

Persons desiring to enter the school for the purpose of pursuing special branches, will be required to pass an examination on the subjects necessary to fit them for pursuing those branches to advantage.

Adults who wish to attend upon any of the courses of lectures, and are not candidates for diplomas or certificates, can do so, subject only to the rules for fees and discipline.

The proper time for entrance is at Commencement (June 19th and 20th, 1865,) or at the beginning of the College year (Sept. 20th, 1865,) when new classes are formed; but students will be admitted to a class at any time, upon their passing a satisfactory examination on the subjects the class have passed over.

Examinations are held at the close of each term.

Diplomas will be conferred upon those who have passed satisfactory examinations upon all the subjects prescribed in either Course of Study; and Certificates will be given to those who pass examinations in special branches.

Fees.—The charge for tuition is $75 a year; one-third, or $25, being payable at the commencement of each term.

The annual charge for incidentals, the present year, is $8.

Students in Analytical Chemistry are charged $15 additional, each term, for chemicals and use of apparatus.

The fee for conferring the diploma is $7.50.

The terms and vacations are the same as those of the College, viz:

1. Sept. 20th to Wednesday before Christmas.

2. Thursday after New Year's day to first Wednesday in April.

3. Thursday after second Wednesday of April to next to last Wednesday of June.

APPOINTMENTS—COMMENCEMENT, 1865.

HONORS.

ISAAC EDGAR HASBROUCK.....Valedictory.
WILLIAM HENRY DEHART.....Latin Salutatory.
HENRY STOUT.....English Salutatory.
FRANCIS CUYLER VAN DYCK.....Philosophical Oration.

JUNIOR ORATORS.

PEITHESSOPHIANS.	PHILOCLEANS.
ISAAC P. BROKAW,	ELLIS AYRES APGAR,
JOHN BLANCHARD EDGAR,	HERMAN C. BERG,
ROBERT IMLAY HOPPER,	JOHN NEILSON CARPENDER,
JAMES LOTT SOUTHARD,	PAUL COOK.

PRIZES.

SUYDAM PRIZE FOR COMPOSITION.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library before he can receive the prize.

Subject for 1866:—*The Benefits of studying History.*

COMMITTEE OF AWARD FOR 1866—Rev. James Eells. D. D., Rev. Denis Wortman, J. W. Schermerhorn, A. M.

Names of those who have received this prize:

1854—James Le Fevre
1855—Isaac L. Kip,
1856—George V. N. Baldwin, Silas D. Scudder,
1857—Jas. W. Schermerhorn, Benjamin C. Sears,
1858—Robert O. Currie, Jr.,
1859—T. Sandford Doolittle,
1860—Dupuytren Vermilye,
1861—William P. Mesick,
1862—Francis A. Horton,
1863—William Smith,
1864—William H. Leupp, Jr.,
1865—William H. DeHart.

SUYDAM PRIZE IN NATURAL SCIENCE.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

Committee of Award for 1866—Robert Hamilton, Esq., Rev. Dr. Reiley and J. B. Potter, M. D.

Names of those who have received this prize:

1854—William W. Post,
1855—Milton A. Fowler,
1856—Josiah Jansen,
1857—D. Ten Broeck Reiley,
1858—John B. Drury,
1859—William Cornell,
1860—Dupuytren Vermilye,
1861————————,
1862—Abram Q. Garretson,
1863—Joseph M. Dixon,
1864—N. I. Marselus Bogert,
1865—Francis C. Van Dyck.

THE BRODHEAD CLASSICAL PRIZE.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar, on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination at a time to be fixed by the Faculty near the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of the examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject of the essay for 1866—*The battle of Marathon.*

Subject of the examination for 1866—*The "Prometheus Bound" of Æschylus, 300 lines.*

COMMITTEE OF AWARD FOR 1866—Rev. W. J. R. Taylor, D. D., Rev. P. D. Van Cleef, D. D., Rev. E. T. Corwin.

Names of those who have received this prize:

1855—DANIEL RAPLEJE,
1856—JOHN BELLENGER DOD,
1857—ABRAHAM THOMPSON,
1858—ROBERT O. CURRIE, JR.,
1859—JONATHAN DIXON, JR.,
1860—DUPUYTREN VERMILYE,
1861—LOUIS H. BAHLER,
1862—PETER LEPELTAK,
1863—GEORGE W. SWAIN,
1864—N. I. MARSELUS BOGERT,
1865—ISAAC E. HASBROUCK.

THE BRADLEY MATHEMATICAL PRIZE.

This prize is given by Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed upon that student of the Senior Class who shall have made the greatest proficiency in Mathematics.

Recipients of this prize, 1864—N. I. MARSELUS BOGERT.
1865—ISAAC E. HASBROUCK.

COMMITTEE OF AWARD FOR 1866—Gen. Perrine, John Cooke, Esq., J. B. Bassinger, Esq.

MYRON W. SMITH PRIZES.

These prizes are founded by Lyndon A. Smith, M. D., of Newark, in the name of his son Adj. Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class.

Only those students who shall have pursued in the college the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman Year shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22nd day of February; on which occasion the eight students of the Sophomore class who shall be adjudged by the faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

COMMITTEE OF AWARD FOR 1866—Lyndon A. Smith, M. D., Rev. A. A. Willitts, D. D., and Prof. Peabody.

HONORARY DEGREES.

The following honorary degrees were conferred by the Board of Trustees at Commencement, 1865:—

LL.D.,

HON. THEODORE CUYLER, HON. ERASTUS C. BENEDICT,
HON. MERCER BEASLEY.

D. D.

REV. JOHN L. SEE, REV. JOHN C. ECCLESTON,
REV. THOMAS C. PORTER.

A. B.

SEBASTIAN DUNCAN, JAMES ROMEYN DANFORTH.

At the meeting of the Board of Trustees October, 1865:

D. D.

REV. CORNELIUS V. A. VAN DYCK.

ALUMNI ASSOCIATION.

OFFICERS FOR 1866.

PRESIDENT,

REV. J. H. SUYDAM.

VICE PRESIDENT,

REV. G. J. VAN NESTE.

SECRETARY,

REV. JOHN L. SEE, D. D.

CURATOR,

EDWARD S. VAIL, ESQ.

ORATOR,

REV. V. M. HULBERT, *Primarius.*
REV. J. W. SCHENK, *Secundus.*

CALENDAR.

1865.

June 21st,—Commencement.....Wednesday.

SUMMER VACATION.

Sept. 20th,—First Session begins.....Wednesday.

Dec. 20th,—First Session ends.....Wednesday.

1866. WINTER VACATION.

Jan. 4th,—Second Session begins Thursday.

Feb. 22d,—Sophomore Exhibition.....Thursday.

April 4th,—Second Session ends.....Wednesday.

SPRING VACATION.

April 12th,—Third Session begins.....Thursday.

May 21st, 22d,—Senior Examination and Examination for Prizes.....Monday and Tuesday.

June 11th,—Examination of Lower Classes begins.....Monday.

June 17th,—Baccalaureate Sermon by the President before the Graduating Class.....Sunday.

June 18th, 19th,—Examination for Admission....Monday and Tuesday.

June 18th,—Anniversary of the Nat. Hist. Society...Monday Afternoon.

June 19th,—Address before the Literary Societies.....Tuesday, 12 M.

June 19th,—Address before the Alumni.....Tuesday, 3 P. M.

June 19th,—Junior Exhibition.....Tuesday Evening.

June 20th,—Commencement.....Wednesday.

SUMMER VACATION.

Sept. 20th,—First Session begins.....Thursday.

Sept. 20th, 21st,—Examination for Admission....Thursday and Friday.

Dec. 19th,—First Session ends.....Wednesday.

1867. WINTER VACATION.

Jan. 3d,—Second Session begins.....Thursday.

RUTGERS COLLEGE GRAMMAR SCHOOL.

The next Academical year of this Institution will commence on Monday, September 3rd, and will continue forty-two weeks. It will consist of three Sessions; the first, from September 3rd, sixteen weeks; the second, from January 3rd, thirteen weeks; the third, from April 12th, thirteen weeks. There will be two public examinations; one at the end of the first session, the other at the close of the year.

No pains are spared in this School to have its Course of Instruction and Government effective and satisfactory, and to afford pupils the fullest preparation necessary for entrance into the College, or engagement in business pursuits. It is under the inspection of the Faculty and the control of the Board of Trustees of the College.

A Class for entering the College at the close of the year will be formed at the beginning of the first Session. For entering this Class pupils will be strictly examined as to their various attainments; and none will be admitted to it at an advanced point without an additional examination on what it may have passed over.

TERMS PER ANNUM.

(*Payable at the beginning of each Session.*)

Common English Branches	$10 00	per quarter.
Higher English	12 00	" "
Latin (including the above)	15 00	" "
Greek (including the above)	17 00	" "
Incidentals	50	per session.

No extra charges, except for Modern Languages; and no deductions for absence, unless occasioned by protracted sickness.

Board may be had in private families on reasonable terms. All boarding pupils will be under the careful oversight of the Rector, and will be expected to attend a Bible recitation every Sabbath.

A form of bequest is appended, in hopes that the friends of education will remember the College, and aid the earnest efforts of its friends, to make it as widely and largely useful as possible. As long as it continues to prosper and enlarge, an increase of funds will be needed.

The form of the bequest can be altered, according as the testator desires to have his bequest applied—to "Increase the Library of Rutgers College," the "Philosophical Apparatus of Rutgers College" or the "Endowment of the Grammar School of Rutgers College, located at New Brunswick, N. J."

BEQUEST.

I give and bequeath unto the Trustees of Rutgers College in New Jersey,----------Dollars, for the maintenance and support of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey,----------Dollars, to increase the Library of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey,----------Dollars, to increase the Philosophical Apparatus of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey,----------Dollars, for the endowment of the Grammar School of said College.

R97

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

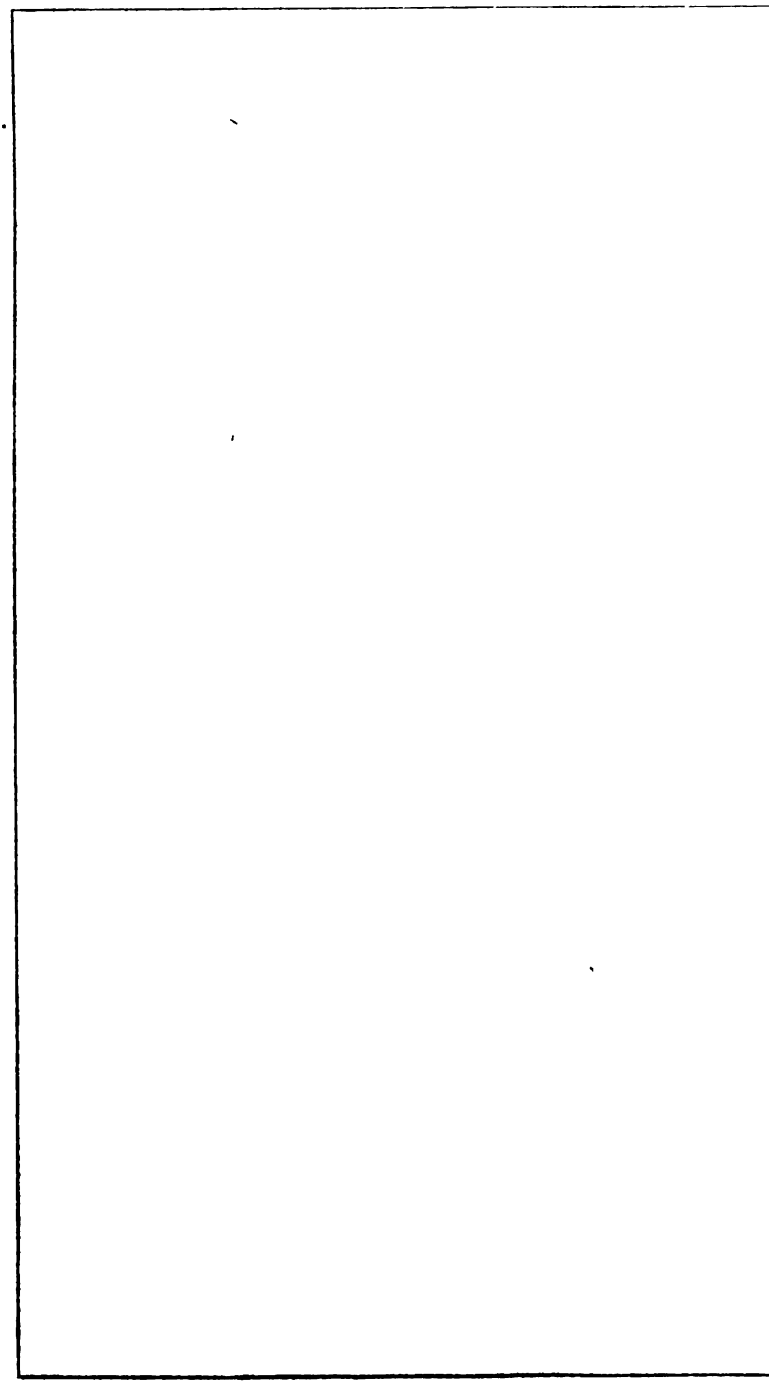
RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1866–7.

FOUNDED A. D. 1770.

NEW BRUNSWICK, N. J:
TERHUNE & VAN ANGLEN'S PRESS, 31 ALBANY STREET.
1866.



TRUSTEES

EX OFFICIO.

His Excellency MARCUS L. WARD, Newark, N. J.,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton, N. J.,
Chief-Justice of the State of New Jersey.

Hon. FREDERICK T. FRELINGHUYSEN, LL.D., Newark, N. J.,
Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WILLIAM H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
WILLIAM VAN DEURSEN, M.D.,	New Brunswick,	Nov. 14, 1823
Rev. JAMES B. HARDENBERGH, D.D.,	New York City,	Dec. 5, 1825
Hon. PETER D. VROOM, LL.D.,	Trenton, N. J.,	July 15, 1828
Rev. SAMUEL B. HOW, D.D.,	New Brunswick,	April 1, 1833
Hon. A. BRUYN HASBROUCK, LL.D.,	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville, N. J.,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark, N. J.,	July 22, 1845
Rev. THOMAS E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. PETER VREDENBURGH,	Freehold, N. J.,	July 24, 1849
Rev. ISAAC N. WYCKOFF, D.D.,	Albany, N. Y.,	July 22, 1851
JOHN HOPPER, Esq.,	Paterson, N. J.,	July 22, 1851
Hon. FRED. T. FRELINGHUYSEN, LL.D.,	Newark, N. J.,	July 22, 1851

NAMES.	RESIDENCES.	DATE OF ELECTION.
J. ROMEYN BRODHEAD, LL.D.,	New York City,	April 12, 1853
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Poughkeepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July 27, 1853
JAMES SUYDAM, Esq.,	New York City,	Sept. 27, 1853
PETER S. DURYEE, Esq.,	Newark, N. J.,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D. D.,	Bergen, N. J.,	April 13, 1858
Rev. DAVID D. DEMAREST, D. D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D. D.,	Ithaca, N. Y.,	June 29, 1858
JOSEPH P. BRADLEY, LL.D.,	Newark, N. J.,	June 29, 1858
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIP, D. D.,	Fishkill, N. Y.,	Oct. 16, 1860
Hon. JACOB R. WORTENDYKE,	Jersey City, N. J.,	April 8, 1862
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
EDWARD S. BRAYTON, Esq.,	Utica, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
A. O. ZABRISKIE, LL.D.,	Jersey City, N. J ,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro' N. J.,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City. N. J.,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark, N. J.,	April 11, 1866
JACOB W. JEWETT, Esq.,	Poughkeepsie, N. Y.,	April 11, 1866

Rev. DAVID D. DEMAREST, D. D., *Secretary of the Board,*

New Brunswick, N. J.

JOHN C. ELMENDORF, Esq., *Treasurer.*

Office—89 Albany Street, New Brunswick.

HUGH TOLAN, *Janitor.*

FACULTY.*

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,

(PRESIDENT,)

THEODORE FRELINGHUYSEN Professor of Biblical Literature and Moral Philosophy.

GEORGE H. COOK, LL.D.,

(VICE PRESIDENT,)

Professor of Chemistry and Natural History.

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Professor of the Evidences of Christianity.

DE WITT TEN BROECK REILEY, A. M.,

Professor of the Latin Language and Literature.

DAVID MURRAY, A. M., PH.D.,

Professor of Mathematics, Natural Philosophy and Astronomy.

GUSTAVUS FISCHER,

Professor of Modern Languages and Literature.

REV. THEODORE SANDFORD DOOLITTLE, A. M.,

Collegiate Church Professor of Rhetoric, Logic and Mental Philosophy.

* Arranged (with the exception of the President) according to seniority of appointment.

REV. JACOB COOPER, A. M., PH.D.,

Professor of the Greek Language and Literature.

COL. JOSIAH HOLCOMB KELLOGG,

BREVET MAJOR UNITED STATES ARMY,

Professor of Engineering and Military Superintendent.

.

Professor of the Theory and Practice of Agriculture.

FRANCIS CUYLER VAN DYCK, A. B.,

Tutor in Chemistry.

JOHN H. KNIGHT,

Manager of Experimental Farm.

* Arranged (with the exception of the President) according to seniority of appointment.

SENIOR CLASS.

Ἀγωνιζόμεθα τὸ καλόν.

NAMES.	RESIDENCES.	ROOMS.
SAMUEL W. BERGEN,	Bay Ridge, L. I.,	49 Hertzog Hall.
TUNIS G. BERGEN, JR.,	Brooklyn, L. I.,	49 Hertzog Hall.
JOHN BROWNSON CHURCH,	Albany, N. Y.,	24 Hertzog Hall.
SAMUEL RALPH DEMAREST, JR.,	Closter, N. J.,	79 George St.
PETER HASBROUCK,	Jersey City, N. J.,	Jersey City.
JOHN VAN WAGENEN HEERMANCE,	Hudson, N. Y.,	96 Church St.
BENJAMIN CHALMERS NEVIUS,	Stuyvesant, N. Y.,	22 Hertzog Hall.
CORNELIUS SHADDLE SEE,	New Brunswick, N. J.,	56 Albany St.
BENJAMIN VAN CAMPEN TAYLOR,	New Brunswick, N. J.,	54 Somerset St.
PETER LABAGH VANDERVEER,	Rocky Hill, N. J.,	57 Albany St.
WILLIAM HALSEY VAN DOREN,	Griggstown, N. J.,	3 Hertzog Hall.
T. DEWITT VAN ZANDT,	Montgomery, N. Y.,	46 Hertzog Hall.
WILLIAM PENN WILSON,	Weston, N. J.,	Weston.

JUNIOR CLASS.

Κομιδῇ πάμμαχοι.

NAMES.	RESIDENCES.	ROOMS.
MAXIMILIAN BAHLER,	Albany, N. Y.,	42 Hertzog Hall.
EDWARD BENEDICT,	Pleasantville, N. Y.,	49 Schureman St.
VERNON BOND CARROLL,	Williamsb'gh, N. Y.,	49 Schureman St.
ARTHUR CROSBY,	Poughkeepsie, N. Y.,	2 Hertzog Hall.
WILLIAM EMERSON DAVIS,	Guilderland Centre, N.Y.,	27 Hert. Hall.
HERBERT ARMITAGE DRAKE,	Hopewell, N. J.,	78 George St.
COERT DUBOIS,	Hudson, N. Y.,	48 Schureman St.
MOLTON HOOKS FORREST,	Bergen Point, N. J.,	55 Church St.
FREDERICK FRELINGHUYSEN,	Newark, N. J.,	Newark.
ELIAS MEAD,	Schenectady, N. Y.,	37 Hertzog Hall.
ARCHIBALD MERCER,	Newark, N. J.,	Newark.
WILLIAM HENRY RANKIN,	Newark, N. J.,	69 1-2 Albany St.
WILLIAM ERASTUS REID,	Newark, N. J.	Newark.
SEYMOUR ROYAL SMITH,	Waterloo, N. J.,	79 George St.
THOMAS MORRIS STRONG,	Ithaca, N. Y.,	48 Schureman St.
NELSON DEWITT STRYKER,	Kingston, N. J.,	Kingston.
ALEXANDER JOSEPH SWIFT,	New Brunswick, N. J.,	54 George St.
DANIEL TALMAGE, JR.,	Bound Brook, N. J.,	78 Bayard St.
EDWARD CADY THOMAS,	New Brunswick, N. J.,	French St.
GOVERNEUR RUTGERS VROOM,	Trenton, N. J.,	Trenton.
VAN RENSSELAER WESTON,	New Brunswick, N. J.,	Woodlawn.

SOPHOMORE CLASS.

Ἀνδριζώμεθα.

NAMES.	RESIDENCES.	ROOMS.
JOHN G. BERDAN,	Paterson, N. J.,	78 Bayard St.
EDGAR BERGEN,	Flatlands, L. I., N. Y.,	78 George St.
THEODORE DOUGLAS FRAZEE,	New Brunswick, N. J.,	36 Bayard St.
WILLIAM ELLIOT GRIFFIS,	Philadelphia, Pa.,	39 Hertzog Hall.
JOHN HART,	Richboro, Pa.,	13 Hertzog Hall.
E. PLATT JOHNSON,	Upper Red Hook, N. Y.,	Schureman St.
CHARLES LUMAN KNAPP,	Lowville, N. Y.,	56 Schureman St.
GEORGE WARNE LABAW,	Harlingen, N. J.,	78 George St.
EDWARD LODEWICK,	East Greenbush, N.Y.,	13 Hertzog Hall.
GEORGE WHITEFIELD ROBINSON,	Tottenville, S. I., N.Y.,	22 Hertzog Hall.
EDWARD DWIGHT SHEPARD,	Hudson, N. Y.,	55 Albany St.
NICHOLAS TERHUNE,	Paterson, N. J.,	78 Bayard St.
WILLIAM LITTLE TERHUNE,	Matawan, N. J.,	149 George St.
MOTT BEDELL VAIL,	New Brunswick, N.J.,	74 Carroll Place.
JOHN TALMAGE VAN CLEEF,	Jersey City, N. J.,	56 Albany St.

FRESHMAN CLASS.

Εὔσχοποι καὶ εὐσύνοπτοι.

NAMES.	RESIDENCES.	ROOMS.
Asher Anderson,	Flatlands, L. I.,	47 Hertzog Hall.
Luther Barton,	Dayton, N. J.,	Dayton, N. J.
James Bishop,	New Brunswick, N. J.,	College Ave.
Edward Brayton,	Utica, N. Y.,	23 Hertzog Hall.
James Benjamin Campbell,	Catskill, N. Y.,	45 Hertzog Hall.
John Gardner Cortelyou,	Harlingen, N. J.,	45 Hertzog Hall.
Henry S. V. DeHart,	New Brunswick, N. J.,	New St.
Willitt Denike, Jr.,	Rahway, N. J.,	Rahway.
Clinton DeWitt,	New Brunswick, N. J.,	Seminary Place.
Thomas Barran Edgar,	Woodbridge, N. J.,	Woodbridge.
Geo. Griswold Frelinghuysen,	Newark, N. J.,	Newark.
George Rem Garretson,	Jersey City, N. J.,	6 Hertzog Hall.
Alexander Johnson,	Astoria, L. I.,	47 Hertzog Hall.
Charles J. K. Jones,	New Brunswick, N.J.,	49 Schureman St.
John R. Kaley,	Albany, N. Y.,	45 New St.
Luther Laflin Kellogg,	Albany, N. Y.,	48 Schureman St.
David Mulf'd Knickerbocker,	Hudson, N. Y.,	55 Albany St.
Calvin Edward Lasher,	Germantown, N. Y.,	38 Hertzog Hall.
John Hodge Leupp,	New Brunswick, N. J.,	59 Albany St.
Henry Nelson Marsh,	New Brunswick, N. J.,	30 Neilson St.
John Frederick McLaury,	Delhi, N. Y.,	Cold Spring.
Nicholas Pearse,	Lishas Kill, N. Y.,	14 Hertzog Hall.
Richard Augustus Pearse,	Lishas Kill, N. Y.,	14 Hertzog Hall.
Jacob Wyckoff Schenck,	New Brunswick, N.J.,	48 Schureman St.
Levi Morgan Strong,	Watervliet Centre, N. Y.,	Schureman St.
Graham Taylor,	New Brunswick, N. J.,	54 Somerset St.
Charles Brainerd Thomas,	San Francisco, Cal'a.,	French St.
Thomas Minaskewaugh Trego,	New Baltimore, N. Y.,	38 Hertzog Hall.
Abraham Van Horn,	South Bergen, N. J.,	South Bergen.
James Cronkhite Weston,	New Brunswick, N. J.,	Woodlawn.

RUTGERS SCIENTIFIC SCHOOL.

SPECIAL STUDENTS IN CHEMISTRY.

NAMES.	RESIDENCES.	ROOMS.
PAUL COOK,	New Brunswick, N. J.,	French St.
SAMUEL C. FISHER,	Milltown, N. J.,	Milltown.
GEORGE DURYEE HULST,	Williamsburgh, L. I.,	Hertzog Hall.

SECOND CLASS.

Aucun chemin de fleurs ne conduit à la gloire.

NAMES.	RESIDENCES.	ROOMS.
CHARLES BARNES,	Poughkeepsie, N. Y.,	55 Albany St.
GARRETSON HAGEMAN,	Middlebush, N. J.,	Middlebush.
GEORGE HOWELL,	Roadstown, N. J.,	10 Easton Ave.
WILLIAM EDWARD KELLY,	New Brunswick, N. J.,	7 Morris St.
BLOOMFIELD JACKSON MILLER,	Newark, N. J.,	Newark.
GEORGE AUGUSTUS MUSHBACK,	Deckertown, N. J.,	25 New St.
EDWARD CLARENCE PEARSON,	Plainfield, N. J.,	78 George St.
FLOYD MARVIN VANDEROEF,	Florida, N. Y.,	55 Albany St.

THIRD CLASS.

Toujours prêt.

NAMES.	RESIDENCES.	ROOMS.
SYMMES BERGEN,*	Princeton, N. J.,	Princeton.
NATHANIEL BOARD,	Bompton, N. J.,	55 Albany St.
SIMEON EASTLACK BUCKNALL,	New Brunswick, N. J.,	College Ave.

*Special Student.

NAMES.	RESIDENCES.	ROOMS.
SPENCER HOUGHTON CONE,	Voorhees Station, N. J.,	Voorhees St'n.
HOLMES VAN MATER DENNIS,	Marlboro, N. J.,	45 New St.
J. RIDGWAY FELL,	Trenton, N. J.,	Trenton, N. J.
CORNELIUS W. GARRETSON,	New Brunswick, N. J.,	Neilson St.
GEORGE DEWMAN MEEKER,	Succasunna, N. J.,	55 Albany St.
DUMONT F. MERCER,	Newark, N. J.,	Newark.
MARVIN REUBEN MERCHANT,	New Brunswick, N. J.,	College Ave.
R. HENDERSON ROBERTSON,	Philadelphia, Pa.,	55 Albany St.
GEORGE CLARANCE TOWLE,	East Brunswick, N. J.,	Raritan Park.
AUGUSTUS VANDERVEER,	Rocky Hill, N. J.,	Rocky Hill.
WM. AUGUSTUS VAN MATER,	Holmdel, N. J.,	45 New St.
ABRAM DEHART VOORHEES,	Six Mile Run, N. J.,	62 Church St.

RECAPITULATION.

NEW JERSEY	65
NEW YORK	36
PENNSYLVANIA	3
CALIFORNIA	1
TOTAL	105

SUMMARY.

SENIORS	13
JUNIORS	21
SOPHOMORES	15
FRESHMEN	30
RUTGERS SCIENTIFIC SCHOOL, SPECIAL STUDENTS	3
" " " SECOND CLASS	8
" " " THIRD CLASS	15
TOTAL	105

ADMISSION.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Candidates for admission to the Freshman Class are required to pass satisfactory examinations upon the following subjects, viz:

LATIN.

Andrews & Stoddard's or Harkness' Grammar.

Fischer's Manual of Latin Grammar and Composition—First Part.

Cæsar's Gallic War.

Two books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian law, for the poet Archias, and for King Deiotarus.

GREEK.

Hadley's Greek Grammar.

Crosby's Greek Lessons.

Xenophon's Anabasis (three books).

Arnold's First Greek Book entire.

In 1868 and subsequently one book of the Iliad and Prosody will also be required.

MATHEMATICS.

Arithmetic complete.

Algebra to Quadratic Equations.

In 1868 and subsequently Plane Geometry will also be required.

GEOGRAPHY.

Ancient and Modern Geography.

In Latin and Greek, a full equivalent to what is stated above will be received.

Students applying for admission to an advanced class are required to pass satisfactory examinations upon all the previous studies of the class, or upon their equivalents.

Students who desire to pursue particular branches of study may be allowed to do so, if properly prepared to go on with the classes in such branches, and special provision is made for such students in the departments of practical science.

The following requirements are stated more specifically for the benefit of those who wish to know, with greater precision, in what things they are expected to be proficient. They do not represent the maximum, and it is earnestly recommended that every applicant for admission to the Freshman Class should exceed them.

LATIN.

Andrews & Stoddard's Latin Grammar is the standard from which rules are cited, although in advanced classes other Grammars, especially Zumpt's, are used for purposes of reference. The student is expected to have been thoroughly drilled in the declension of nouns, and the rules for gender, in the declension and comparison of adjectives; in the declension of pronouns; in the formation and conjugation of verbs, and in their synopsis. In the syntax a complete acquaintance is of course required with all the simpler rules. In addition to this, there are many very important points which are often neglected. Examples of these are the special rules for the oblique cases, as for instance the ablative of time, of price, of respect, of means, etc; the consecution of tenses in dependent sentences; the use of the subjunctive; the use of the infinitive, and the gerundive construction.

LATIN COMPOSITION.—In Latin Composition, the greatest amount of exercise which the student can have, will give him most rapidly the best and firmest knowledge of the Language, and will make his college course more pleasant and beneficial. A full equivalent will be received instead of what has been named.

TEXT.—It is required that a student shall have read Cæsar, two books of Virgil's Æneid or of Ovid's Metamorphoses, and the seven orations of Cicero mentioned above. The examination will rest much more, however, on how the author has been studied, than on how much has

been passed over; on quality, rather than quantity. It is recommended that much more attention be paid to prose than to poetry, as from prose only the student can learn the regular forms of the language.

PRONUNCIATION.—The system followed is the continental, though differing somewhat from that so called, usually found in the grammars. Any student, however, who has used the continental, will find little difficulty in accommodating himself to the differences he will meet here.

For correctness of pronunciation, the rules of Prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

Especial attention is called to the following rules in Andrews & Stoddard's Grammar—to the General Rules, §283, and the rules for the increment of nouns and verbs, §§286 to 290 inclusive, with the exceptions.

It is recommended that the student read some popular History of Rome, to serve as a basis for his College course in that study.

EXAMINATION.—The examination is regularly conducted in writing.

GREEK.

The examination will be

I. Upon the Grammar.

Hadley's Grammar is used in the College, and its use is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including both accent and quantity.

II. Upon Arnold's First Greek book (latest edition).

The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.) The examination upon this must be satisfactory. The student who fails in it cannot compete with his class.

III. Upon Greek text and translation.

Text must be read with correctness and fluency. In pronouncing, the written accent should be followed. Let the everywhere prevailing tendency to lay the *ictus* upon the ultimate in declining or conjugating forms and in reading text be avoided with the greatest care.

Crosby's Greek Lessons entire and Xenophon's Anabasis (three books) will be the ground of examination in text. Translation must be accurate, and skill in parsing will be severely tested.

MATHEMATICS.

For admission a satisfactory examination will be required on all the essential points of Arithmetic; especially on Common and Decimal Fractions, and Square and Cube Root.

The text book in Algebra used in the College is Loomis' Algebra, and nothing less than what is fully equivalent to the specified amount in this work can be accepted.

In the preparation for examination both upon Arithmetic and Algebra, it is recommended that much time be spent in solving examples and problems, so that not only the principles may be understood, but a habit of neat and *rapid* computation may be attained.

GEOGRAPHY.

In the geography of Ancient Italy, the students will be examined in regard to its different divisions and boundaries, its principal mountains, rivers and cities. The geography of Latium and of Etruria in the neighborhood of Rome should be studied with care.

In the geography of Ancient Greece, a knowledge of the outlines, the principal mountains, rivers and cities, as well as of the political divisions, is required.

Modern Geography will also form a subject of examination, especially in regard to the natural divisions of the globe, the zones and their different climates, the principal natural features of the several parts of the globe, as well as the political divisions of the earth's surface.

TIME OF EXAMINATION.

The regular examination for admission to College takes place on Monday and Tuesday before Commencement, beginning at 9 o'clock, A. M., in the President's room. All who can do so are requested to present themselves on Monday. Applicants for admission may also be examined on Wednesday and Thursday, Sept. 19th and 20th, at the same hour and place.

PROBATION.

A probation of one term is required before students are matriculated, during which time they are subject to all the College statutes.

COURSE OF INSTRUCTION.

FRESHMAN CLASS.

FIRST TERM.

1. LATIN—Livy (first book), Latin Prose Composition, Dictated Exercises, Andrews & Stoddard's Latin Grammar.
2. GREEK—Xenophon's Memorabilia (two books), Arnold's Greek Prose Composition, Hadley's Greek Grammar, Written Translations from Greek into English.
3. MATHEMATICS—Loomis' Algebra, from Quadratic Equations to Infinite Series.
4. RHETORIC—Lectures and Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.

SECOND TERM.

1. LATIN—Cicero De Senectute, Latin Prose Composition, Dictated Exercises, Andrews & Stoddard's Latin Grammar, Mythology (Eschenberg).
2. GREEK—Iliad or Odyssey (three books), Greek Prose Composition, Greek Grammar, Written Translations, Ancient Geography, (Putz and Arnold).
3. MATHEMATICS—Loomis' Geometry (plane), six books.
4. RHETORIC—Lectures and Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.

THIRD TERM.

1. LATIN—Livy (21st book), Latin Prose Composition, Andrews & Stoddard's Latin Grammar, Written Translations from Latin into English, Mythology (Eschenberg).
2. GREEK—Felton's Greek Historians—Diodorus Siculus and Herodotus, Prose Composition and Grammar, Written Translations, Ancient Chronology (Eschenberg).
3. MATHEMATICS—Loomis' Geometry (solid), four books.
4. RHETORIC—Essays.
5. ANCIENT HISTORY.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

SOPHOMORE CLASS.

FIRST TERM.

1. LATIN—Cicero de Officiis, Latin Composition, Zumpt's and Madvig's Grammars.
2. GREEK—Felton's Greek Historians (Selections), Prose Composition, Written Translations.
3. MATHEMATICS—Loomis' Algebra completed.
4. RHETORIC—Essays; Lectures on English Language and Literature.
5. MODERN HISTORY.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.
8. HEBREW.

SECOND TERM.

1. LATIN—Tacitus, Latin Composition, Zumpt's and Madvig's Grammars, Roman Antiquities.
2. Demosthenes on the Crown, Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Trigonometry, with applications to Surveying and Navigation.
4. RHETORIC—Essays; Lectures on English Language and Literature.
5. MODERN HISTORY.
6. MODERN LANGUAGES—French.
7. BIBLICAL RECITATIONS.
8. ELOCUTION.

THIRD TERM.

1. LATIN—Plautus, Horace, Latin Composition, Zumpt's and Madvig's Grammars, Roman Antiquities.
2. GREEK—Aristophanes' Clouds, Written Translations, Greek Antiquities History of Greece, (Smith).
3. MATHEMATICS—Loomis' Analytical Geometry or Conic Sections.
4. RHETORIC—Essays.
5. MODERN LANGUAGES—French.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

JUNIOR CLASS.

FIRST TERM.

1. GREEK—Plato's Phædo, Lectures on Greek Literature.
2. MATHEMATICS—Differential and Integral Calculus.
3. CHEMISTRY AND PHYSICS—Lectures.
4. RHETORIC—Day's Rhetoric and Essays.
5. MODERN LANGUAGES—German.
6. BIBLICAL RECITATIONS.
7. ELOCUTION—Original speeches.

SECOND TERM.

1. LATIN—Catullus, Ovid, Juvenal, Original Latin Composition, Lectures on Roman Literature.
2. CHEMISTRY AND PHYSICS—Lectures.
3. MECHANICS—Statics and Dynamics.
4. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Bowen's Metaphysics of Sir Wm. Hamilton, with comments.
5. RHETORIC—Essays.
6. BIBLICAL RECITATIONS.
7. ELOCUTION—Original speeches.
8. HEBREW.

THIRD TERM.

1. GREEK—Sophocles' Antigone or Œdipus Tyrannus, Lectures on Greek Literature.
2. MECHANICS—Hydrostatics, Hydrodynamics, Acoustics, Optics.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Bowen's Metaphysics of Sir Wm. Hamilton, with comments, and Lectures.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. RHETORIC.
7. ELOCUTION—Original speeches.

SENIOR CLASS.

FIRST TERM.

1. Latin—Cicero's Tusculan Disputations or Quintilian, Latin Essays, Lectures.
2. Astronomy.
3. Evidences of Christianity—Lectures.
4. Moral Philosophy—Wayland and Hopkins; Lectures.
5. Political Economy—Lectures.
6. Rhetoric—Essays.
7. Modern Languages—German.
8. Biblical Recitations.
9. Elocution—Original Speeches.

SECOND TERM.

1. Physics—Heat, Electricity and Magnetism.
2. Evidences of Christianity—Lectures.
3. Moral Philosophy—Wayland and Hopkins.
4. Logic—Thomson, Lectures.
5. Political Economy—Lectures.
6. Rhetoric—Essays.
7. Modern Languages—German.
8. Biblical Recitations.
9. Elocution—Original speeches.

THIRD TERM.

1. Greek—Pindar and Anthology.
2. Architecture—Lectures.
3. Geology—Lectures.
4. Evidences of Christianity—Lectures, and Butler's Analogy.
5. Constitution of the United States—Sheppard.
6. Rhetoric.
7. Biblical Recitations.
8. Elocution—Original speeches.
9. Hebrew.

LECTURES.

The following lectures, either occasional, or in courses, are delivered to the classes of College during the year :—

TO THE FOUR CLASSES COMBINED.

By the PRESIDENT:—On Tuesdays throughout the year, a course of lectures on Biblical Criticism.

TO THE SENIOR CLASS.

FIRST TERM, By PROF. REILEY; on Latin Literature.
SECOND TERM, By PROF. DOOLITTLE; on the history and uses of Logic.
By PROF. COOK; on Physics.
THIRD TERM, By the PRESIDENT; on Hebrew Language.
By PROF. COOK; on Geology.
By PROF. MURRAY; on Architecture.

TO THE JUNIOR CLASS.

FIRST TERM, By PROF. COOK; on Chemistry.
By PROF. COOPER; on Greek Language and Literature.
SECOND TERM, By the PRESIDENT; on Hebrew Language.
By PROF. COOK; on Chemistry.
By PROF. REILEY; on Latin Literature.
By PROF. DOOLITTLE; on Mental Philosophy.
THIRD TERM, By PROF. COOPER; on Greek Language and Literature.

TO THE SOPHOMORE CLASS.

FIRST TERM, By the PRESIDENT; on Hebrew Language.
By PROF. DOOLITTLE; on English Language & Literature.
SECOND TERM, By PROF. COOPER; on Greek Antiquities.
By PROF. DOOLITTLE; on English Language & Literature.
THIRD TERM, By PROF. DOOLITTLE; on English Language & Literature.

TO THE FRESHMAN CLASS.

PROFESSOR DOOLITTLE; a course of ten Lectures in illustration of the rules of Rhetoric. Also a course of ten Lectures on Elocution.

REMARKS

ON THE

COURSE OF INSTRUCTION.

LATIN.

The Freshman and Sophomore years are devoted to reading prose authors, in connection with Latin Composition, with a view of forming a good Latin style. The knowledge of a language must be acquired from its prose, and not from its poetry. The student should be thoroughly versed in all the regular forms, as found in its classic prose, and then he will readily mark the peculiarities of construction, order and expression of its poetry. Besides, the poetry is better appreciated by the student in a more advanced class. For these reasons, the poets are not read, until the last two years, and then in connection with lectures on the literature of the Language.

During the Freshman and Sophomore years, most attention is given to authors of the classic period, and especially to Cicero and Livy. During the Freshman year, the students receive a thorough drill upon the grammar, especially on its application to the author under discussion, and in Latin Composition.

In the Sophomore year, at present, the class use in composition Tischer's Uebungsbuch, prepared especially for Zumpt's and Madvig's grammars. These exercises are translated for the class into English, and the class use these grammars in rendering the exercises into Latin. Thus they pass again over the entire Syntax with thorough exercises, and are introduced to the study of the higher Grammars. In the text, the students are further exercised in the principles of the language. Attention is now particularly given to exceptions and rarer usages, synonyms and idioms. In these two years the students are made acquainted with the history, mythology and antiquities of Rome.

In the Junior and Senior years, the classes devote the most of their time to reading as many as possible of the Roman poets, in chronologi-

cal order, beginning with Plautus, and closing with Juvenal, in connection with lectures on the literature. A philosophical or rhetorical treatise is read during the Senior year, accompanied by lectures.

GREEK.

The table of studies shows the authors used. In the Freshman year, selected portions of the Memorabilia and of the Odyssey or Iliad and of Felton's Greek Historians are read. More regard is paid to quality than to quantity. Portions of Herodotus and Thucydides and Demosthenes on the Crown are read in the Sophomore year. In these two years the translations are made both orally and in writing. In the Freshman year, Hadley's Grammar will be kept up, and Arnold's Greek Prose Composition will be studied. The forms and exercises in both will be recited orally and written out also. The written exercises are accompanied with the breathings and accents. The Freshmen recite Greek daily, and the Sophomores during the first and second terms three times, and during the third term, four times a week.

The Juniors read the Phædo of Plato and one of the tragedies carefully, but rapidly. The study of Greek Antiquities and the delivery of Lectures on the Greek Language and Literature are now brought into the course. The Juniors attend the Greek Professor three times a week during the first and third terms of the year.

The Seniors read during the third term Pindar or the Anthology three times a week, and prepare original Greek compositions for criticism.

MATHEMATICS, MECHANICS AND ASTRONOMY.

The studies of this department are pursued in the following order.

FRESHMAN.

First Term.—Algebra—Quadratic Equations, Ratio and Proportion, Arithmetical and Geometrical Progressions, Permutations and Combinations, Involution and Evolution. Attention paid to the cultivation of a neat and rapid style of computation.

Second Term.—Plane Geometry, including the solution and construction of practical linear problems. Six books of Loomis' Geometry.

Third Term.—Solid Geometry — Loomis' Geometry, Books VII., VIII., IX. and X.

SOPHOMORE.

FIRST TERM.—Algebra—Infinite Series, General Theory of Equations, Solutions of Numerical Equations and Logarithms.

SECOND TERM.—Trigonometry—Plane and Spherical Trigonometry, Mensuration of Surfaces and Solids and Surveying. Students trained in the practical computation of plane and spherical triangles, and in making, computing and plotting surveys.

THIRD TERM.—Analytical Geometry or Conic Sections. The analytical method usually studied in preference to the geometrical on account of its greater fertility in useful results.

JUNIOR.

FIRST TERM.—Differential and Integral Calculus—Optional.

SECOND TERM—Mechanics—Statics and Dynamics.

SECOND AND THIRD TERM.—Mechanics—Hydrostatics and Hydrodynamics, Acoustics and Optics.

SENIOR.

FIRST TERM.—Astronomy. In addition to the study of the theory of the subject, the problems in practical Astronomy, of Time, Latitude and Longitude, with the Character of the observations necessary for their solution, will be discussed.

THIRD TERM.—Architecture.—The subject will be treated in a short series of lectures, with illustrations taken from ancient and modern art. They will give the principles of construction and architecture, as well as an account of the prominent styles which have prevailed in different ages.

NATURAL SCIENCE.

In the course of instruction in this department, the object is to furnish by appropriate experiments and observations, facts from which the great principles of science are deduced; to illustrate by a selected series of experiments the methods of investigating natural phenomena; and to so group together and combine the various truths exhibited, that, to the thinking mind, they may not be looked upon as a mere collection of curious facts, but as related and dependent truths which form a part of one great harmonious whole.

The application of science to the industrial arts is also kept constantly in view.

CHEMISTRY is taught during the Junior year by Lectures with experiments and recitations.

PHYSICS is taught during parts of the Junior and Senior years by lectures and experiments, in connection with the text-book.

BOTANY is studied in connection with the analysis of plants, during the third term of the Junior year.

GEOLOGY AND MINERALOGY.—A full course of lectures, illustrated by specimens of minerals, rocks, fossils, &c., from the College cabinet, is given during the third term of the Senior year.

College students desiring practical instruction in Natural Science can have facilities for doing so in the Scientific School.

BIBLICAL INSTRUCTION.

The course of Biblical Instruction contemplates making the student acquainted with the Hebrew of the Old Testament, and the Greek of the New Testament, so that he may feel at home in reading the Original Scriptures. Besides this, all the students attend a recitation in the Greek New Testament every Sabbath morning. A weekly Lecture will also be delivered to all the undergraduates. These Lectures are designed to compose a four years' course on Biblical Criticism, Biblical Interpretation, the Historical Introduction to the books of the Bible, and the classification and consideration of the chief difficulties of the Old and New Testaments.

BELLES-LETTRES.

ELOCUTION.—During the Freshman year lectures are delivered on the general principles of Elocution. And a practical application of these principles is made by appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there is an exercise in Oratory once a week in the College Chapel,—attended by all the Students and by the Faculty,—at which three members of the Freshman and Sophomore classes respectively are required to declaim, using, if they choose, selected pieces; and two members of the Junior and Senior classes respectively are required to deliver original orations.

English Language and Literature.—These subjects are treated of in a course of twenty lectures which are delivered to the Sophomore class. It is designed here, by acquainting the student early in his course with the best authors and their choicest thoughts, to inculcate a literary taste, to lead him to a profitable employment of his leisure hours, and even moments, in pursuing a well-arranged system of reading, and to teach him how by analysis and criticism to attain the highest benefit from what he reads.

Rhetoric.—In connection with Composition,—an exercise in which is required once a month from every student in College,—the general rules of Rhetoric are dictated to the Freshman class. And in the first term of the Junior year the study of Rhetoric, in its philosophical principles, is pursued with great care and thoroughness.

Mental Philosophy.—Hickok's Empirical Psychology and Hamilton's Metaphysics, arranged by Bowen, are the guide books in this department. But neither is implicitly followed. The aim is rather to arouse the student, by a diligent comparison of different authors, to investigate the open questions of Philosophy independently, and thus to train him to a comprehensive and cautious deliberation as well in adopting the conclusions of others as in forming and advancing his own. As opportunity offers, lectures upon important topics are interspersed through the course.

Logic.—In connection with the use of Thomson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

THE NATURAL HISTORY SOCIETY

OF RUTGERS COLLEGE,

which has for its objects the cultivation of Natural Science, and the formation of a cabinet of Natural History and Antiquities, furnishes increased facilities in this department of knowledge. It is constantly receiving additions to its collection of specimens of rocks, minerals and fossils, also Zoological and Botanical specimens, and objects of antiquarian and historic interest. Friends of the College are earnestly invited to continue their generous contributions to this growing museum of Natural History.

EXAMINATION OF UNDER GRADUATES.

The classes are all examined at the close of each term on all the studies of the term. The Senior class has its final examination four weeks before Commencement.

TERMS.

The Academic year consists of three terms, the first beginning on the 20th day of September and ending on the Wednesday before Christmas, the second beginning on the first Thursday after New Year's day and ending on the first Wednesday of April, and the third beginning on the Thursday after the second Wednesday of April and ending on the next before the last Wednesday of June.

EXPENSES.

Tuition per Annum	$45 00
Incidental Expenses	8 00
Admission Fee	5 00

Of the above, the admission fee is payable to the College Treasurer on entrance; the incidental expenses at the beginning of the first term, and of the tuition fee $25 is payable at the beginning of the first term, and the remaining $20 at the beginning of the third term.

Each candidate for the degree of A. B. is required to pay to the Treasurer a graduation fee of seven and a half dollars for the cost of the diploma and conferring the degree, and degrees will not be conferred until such fees are paid.

Board and room rent, not including fuel or lights, can be obtained in respectable families in town in ordinary times, at $2.50 to $4.00 per week; board without rooms, $2.00 to $2.50. Students having the ministry in view can obtain rooms at Hertzog Hall at $5.00 per annum; the expenses for fuel and light being about $8.00 per annum. At present the rates of board, fuel and light are increased at least fifty per cent.

BOARDING HOUSES.

The Students shall board at such places only as are approved by the Faculty.

The Faculty have power to pass such rules and regulations relative to the number of boarders in each house as they think proper.

No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming; or be absent from his room except at such hours as shall be prescribed by the Faculty.

ATTENDANCE, ETC.

The Students are required to attend Prayers in the College Chapel.

The recitation hours are from 9 o'clock, A. M., to 1 o'clock, P. M., during five days of the week.

A Sermon is delivered every Sabbath morning in the College Chapel, by one of the Clerical officers of the Faculty. The Students are required to be present, and also to attend Public Worship in the afternoon, at such places as their parents or guardians may direct. The Professors are charged with the moral and religious, as well as the intellectual training of the Students.

All the Students are obliged to attend Biblical recitations every Sabbath morning in the Chapel.

No Students are allowed to leave the city during the sessions without permission from the President.

RUTGERS SCIENTIFIC SCHOOL.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

	RESIDENCES.	TERM EXPIRES.
FIRST CONGRESSIONAL DISTRICT,		
JAMES M. MECUM, Esq.,	Salem.	April 12, 1868.
JONATHAN INGHAM, Esq.,	Salem.	April 12, 1871.
SECOND CONGRESSIONAL DISTRICT,		
Hon. WM. H. HENDRICKSON,	Middletown.	April 12, 1868.
Hon. MOSES WILLS,	Mt. Holly.	April 12, 1867.
THIRD CONGRESSIONAL DISTRICT,		
Hon. JAMES BISHOP,	New Brunswick.	April 12, 1871.
Rev. D. KERR FREEMAN,	Belvidere.	April 12, 1870.
FOURTH CONGRESSIONAL DISTRICT,		
Hon. JOHN HUYLER,	Hackensack.	April 12, 1869.
JOHN COOKE, Esq.,	Paterson.	April 12, 1870.
FIFTH CONGRESSIONAL DISTRICT,		
CORNELIUS VAN VORST, Esq.,	Jersey City.	April 12, 1869.
Rev. ROBERT L. DASHIELL, D.D.,	Newark.	April 12, 1867.

OFFICERS.

JOHN COOKE, Esq., *Chairman.*

Rev. ROBERT L. DASHIELL, D.D., *Secretary.*

FACULTY

OF THE

RUTGERS SCIENTIFIC SCHOOL.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
PRESIDENT.

GEORGE H. COOK, LL.D.,
Professor of Chemistry and Natural History.

DAVID MURRAY, A.M., PH.D.,
Professor of Mathematics, Natural Philosophy and Astronomy.

GUSTAVUS FISCHER,
Professor of French and German.

REV. THEODORE SANDFORD DOOLITTLE, A.M.,
Professor of Rhetoric, Logic and Mental Philosophy.

COL. JOSIAH HOLCOMB KELLOGG,
BREVET MAJOR U. S. ARMY,
Professor of Engineering and Military Superintendent.

FRANCIS CUYLER VAN DYCK, A.B.,
Tutor in Chemistry.

ORGANIZATION.

To meet the demands for education in practical science the Trustees of Rutgers College have established a department of the College under the name of the "Rutgers Scientific School." This school has been designated by the Legislature of New Jersey, the State "College for the benefit of Agriculture and the Mechanic Arts," in conformity with the Act of Congress of 1862, "donating public lands to the several States and Territories which may provide Colleges for the benefit of Agriculture and the Mechanic Arts." The lands donated by this Act, were by law ordered to be sold, the proceeds to be invested, and the interest "to be devoted wholly and exclusively to the maintenance in that department of Rutgers College known as Rutgers Scientific School, of such courses of instruction as (including the courses of instruction already established) shall carry out the intent of the Act of Congress."

The law passed by the Legislature of New Jersey requires that in consideration of the income from the invested funds derived from the sale of lands being paid to the Trustees of Rutgers College, the Scientific School shall receive and educate gratuitously a certain number of students from the State of New Jersey, and makes the following provisions in regard to their number and appointment:

"The number of pupils to be so received gratuitously into said school shall be in each year such a number as would expend a sum equal to one half of the said interest for the same year, in paying for their instruction in said school, if they were required to pay for it at the regular rates charged to other pupils of said school, for the same year; said pupils so nominated and received shall be citizens of this State, and shall be admitted into said school upon the same terms and subject to the same rules and discipline which shall apply to all other pupils of said school, with the single exception that they shall not be required to pay anything for their instruction." "The Students of Agriculture and the Mechanic Arts shall be admitted into said College upon the recommendation of the Board of Chosen Freeholders of their respective Counties, and the number of students that a County shall at any one time be entitled to have in said College shall be equal to the number of representatives in the Legislature to which such County is entitled,or in proportion to the same."

The law also provides for the appointment by the Governor and Sen-

ate of a Board of Visitors consisting of ten persons, two from each Congressional district, who "shall possess general powers of supervision and control, and shall report to the Legislature such recommendations as to them may seem proper."

The School was opened for the admission of the full number of State students at the beginning of the College year, Sept 1866.

The Scientific School receives in addition to students sent by State authority, all students from the State of New Jersey or other States, who may desire and are prepared to pursue its course of study.

COURSES OF STUDY.

The studies will be given in two courses, viz:

I. Civil Engineering and Mechanics.

II. Chemistry and Agriculture.

Either of these will occupy three years.

During the first year and the first term of the second year the studies of the two courses will be the same.

The courses of study include the following subjects:

Practical Chemistry, Chemical Analysis, and Chemistry applied to the Arts.

Land Surveying, Topographical Surveying, Civil Engineering, Architecture and Draughting.

Mechanical Philosophy, Machinery, Hydraulics.

Agriculture.

Geology and Mineralogy, and their application to mining and Metallurgy.

Botany and Geology, with their relations to Vegetable and Animal Physiology.

Astronomy and Navigation.

Military Tactics.

French and German.

Instruction will also be afforded in Rhetoric, Mental Philosophy, History, Political Economy and International Law.

Courses of Lectures to adults upon various departments of Agriculture and the Mechanic Arts will also be given at stated times, through the second term of the year.

ARRANGEMENT OF STUDIES.

THIRD CLASS.

FIRST YEAR.

I. Course in Civil Engineering and Mechanics.

FIRST TERM.

Algebra, Quadratic Equations.
Geometry—four books.
Draughting—Constructing Problems.
Elementary Principles of Zoology and Mineralogy.
Rhetoric, Exercises in Elocution and Composition.
French.

SECOND TERM.

Algebra, finished.
Geometry, finished.
Geometrical Draughting.
Meteorology and Modes of Keeping Meteorological Register.
History—Composition and Declamation.
French.

THIRD TERM.

Trigonometry and Surveying.
Elements of Botany.
Physical Geography.
History, Composition and Declamation.
Draughting.
French.

II. Course in Chemistry and Agriculture.

FIRST TERM.

Algebra, Quadratic Equations.
Geometry—four books.
Draughting—Constructing Problems.
Elementary Principles of Zoology and Mineralogy.
Rhetoric, Exercises in Elocution and Composition.
French.

SECOND TERM.

Algebra, finished.
Geometry, finished.
Geometrical Draughting.
Meteorology and Modes of Keeping Meteorological Register.
History—Composition and Declamation.
French.

THIRD TERM.

Trigonometry and Surveying.
Elements of Botany.
Physical Geography.
History, Composition and Declamation.
Draughting.
French.

SECOND CLASS.

SECOND YEAR.

FIRST TERM.

Analytical Geometry.
Surveying and Levelling, with Field Practice.
Descriptive Geometry and Draughting.
Elements of Chemistry and Mineralogy.
Rhetoric, Composition and Declamation.
French.

SECOND TERM.

Differential and Integral Calculus.
Shades, Shadows and Perspective.
Physics and General Chemistry.
Mental Philosophy—Essays.
German.

THIRD TERM.

Mechanics.
Rail Road Engineering and Topography.
Draughting.
Mental Philosophy—Essays.
German.

FIRST TERM.

Analytical Geometry.
Surveying and Levelling with Field Practice.
Descriptive Geometry and Draughting.
Elements of Chemistry and Mineralogy.
Rhetoric, Composition and Declamation.
French.

SECOND TERM.

Analytical Chemistry, qualitative.
Physics and General Chemistry.
Mineralogy.
Agriculture—Its Principles.
English Composition and Declamation.
German.

THIRD TERM.

Physics and Chemistry.
Analytical Chemistry—quantitative.
Agriculture—Its Processes.
Mental Philosophy—Essays.
German.

FIRST CLASS.

THIRD YEAR.

FIRST TERM.

Optics and Acoustics.
Astronomy and Use of Astronomical Instruments.
Strength of Materials and Engineering Constructions.
Moral Philosophy.
German.

SECOND TERM.

Geodetical Surveying.
Machines, Motive Powers—Machinery used in Engineering.
Geology.
Political Economy.
German.

THIRD TERM.

Hydraulic Engineering.
Military Engineering and Field Fortifications.
Designs for and Discussions of Constructions and Machines.
Constitution of the United States.
Architecture.

FIRST TERM.

Metallurgy and Mining.
Elements of Geology.
Moral Philosophy, Essays.
German.
Agriculture—Its Products.
Farm Accounts.

SECOND TERM.

Elements of Technology.
Agriculture—Its Products, continued.
Geology.
Political Economy.
German.

THIRD TERM.

Agriculture—Horticultural Products and Rural Embellishment.
Theses on Scientific and Practical subjects.
Constitution of the United States.

THEORY AND PRACTICE OF AGRICULTURE.

OUTLINE OF THE COURSE.

Instruction in the Theory and Practice of Agriculture will be conveyed for the present mainly by Lectures, except where suitable text-books can be obtained.

Opportunities for observation upon the College Farm will be given from time to time, and we hope to secure ere long, a cabinet of specimens and models by which the Lectures delivered may be illustrated and exemplified. During the Terms mentioned below, the following subjects will be treated.

I. SECOND TERM, SECOND YEAR.—Agriculture, its *Principles.*

Its development and present condition as an Art.

Its connection with the several branches of science.

The economic requisites of vegetable growth, including soils, and the theory of manures.

II. THIRD TERM, SECOND YEAR.—Agriculture, its *Processes.*

Tillage, plowing; the physical manipulation of the land.
Implements and Machinery.
Drainage, Irrigation, etc.
The Practice of Manures.
Farm Buildings—their construction and arrangement.

III. First Term, Third Year.—Agriculture, its *Products.*

1. *Farming and Farm Crops.*

The cereals, their cultivation, their management and uses.
Hemp, Flax and other commercial crops.
Root Crops and the Legumes.
Grasses and the care of Pasture Lands.
Rotation of Crops, and the use of Artificial Fertilizers.

IV. Second Term, Third Year.—*Products continued.*

2. *Animals and Animal Products.*

The Principles of Breeding and the various Improved Breeds.
The care of Domestic Animals and Fattening for Market.
Dairy Management, including Milk, Butter and Cheese.
Animals of Draught.

V. Third Term, Third Year.—*Products continued.*

3. *Horticultural Products and Rural Embellishment.*

The Orchard, including the Nursery propagation of Trees.
The Market Garden; forcing of plants and fruits.
The Vineyard; manufacture of wine, cider, &c.
Ornamental Trees and Shrubs, Landscape Gardening.

Either during the First Term of the Second Year, or subsequently, the study of Bookkeeping will be continued with special reference to *Farm Accounts*, which is believed to be one of the most important branches of study, and opportunities of practice will ultimately be afforded the students in keeping the accounts of the College Farm. The study of *Botany* will also be continued with direct bearing upon the plants, useful or injurious, which the farmer most frequently meets. Some attention will also be given to *Entomology*, either as a separate branch, or in connection with those Farm and Orchard products which suffer most from insect depredators.

The lectures of the different terms are adapted as far as possible to the seasons when they can best be practically exemplified.

For College Graduates and other advanced students who may wish to take a one year course in Agriculture only, the lectures will be so arranged that such students can attend a double course during two-thirds of the year, thus:

1ST TERM—The lectures numbered..... III.
2D " " " " I AND IV.
3D " " " " II AND V.

MILITARY TACTICS.

During each year, the students will be drilled in Military tactics. They will also be instructed in the principles of Military Engineering and Fortification, and will be afforded opportunities for visiting the various military posts and fortifications in the vicinity. For this purpose the school is furnished with arms by the Quartermaster's department of the State.

APPLIANCES.

Among the advantages offered for the profitable pursuit of the above studies are:

I. The Library, the Collections, the Literary Societies, and all the facilities for literary education furnished by Rutgers College.

II. A Farm, where special attention will be given to Market Gardening, and to the cultivation of fruits; where the best modes of culture and the most improved implements are used; and where a system of keeping a full and complete account of all the operations, expenses and income of the farm can be studied.

III. An observatory, arranged and fitted with all the instruments needed for teaching practical astronomy.

IV. Accommodations for a Laboratory and Museum, with ample room for lectures upon experimental science, and for the practical operations of analytical chemistry; and where special provision is made for spreading out and exhibiting the collections of the minerals, rocks, fossils, plants and animals of the State.

V. Full sets of instruments for Surveying and Engineering.

VI. Excursions to mines, manufactories, &c., made under the direction of professors.

ADMISSION, FEES, &c.

Applicants for admission to either of the above courses, as candidates for a diploma, must be, at least, sixteen years of age, and must bring testimonials of good moral character. They must also pass a satisfactory examination in the following subjects, viz:—Arithmetic, Algebra to Quadratic Equations, English Grammar and Geography.

Persons desiring to enter the school for the purpose of pursuing special branches, will be required to pass an examination on the subjects necessary to fit them for pursuing those branches to advantage.

Adults who wish to attend upon any of the courses of lectures, and are not candidates for diplomas or certificates, can do so, subject only to the rules for fees and discipline.

The proper time for entrance is at Commencement (June 17th and 18th, 1867,) or at the beginning of the College year (Sept. 20th, 1867,) when new classes are formed; but students will be admitted to a class at any time, upon their passing a satisfactory examination on the subjects the class have passed over.

Examinations are held at the close of each term.

Diplomas will be conferred upon those who have passed satisfactory examinations upon all the subjects prescribed in either Course of Study; and Certificates will be given to those who pass examinations in special branches.

Fees.—The charge for tuition is $75 a year; one-third, or $25, being payable at the commencement of each term.

The annual charge for incidentals, the present year, is $8.

Students in Analytical Chemistry are charged $15 additional, each term, for chemicals and use of apparatus.

The fee for conferring the diploma is $7,50.

The terms and vacations are the same as those of the College, viz:

1. Sept. 20th to Wednesday before Christmas.
2. Thursday after New Year's day to first Wednesday in April.
3. Thursday after second Wednesday of April to next to last Wednesday of June.

APPOINTMENTS.

COMMENCEMENT, 1866.

HONORS.

JOHN WINNER, JR.,.....Valedictory.
JAMES LOTT SOUTHARD,.....Latin Salutatory.
JOHN NEILSON CARPENDER,..... English Salutatory.
GEORGE DURYEE HULST,.....Philosophical Oration.

JUNIOR ORATORS.

PEITHESSOPHIANS.	PHILOCLEANS.
SAMUEL W. BERGEN,	PETER HASBROUCK,
TUNIS G. BERGEN, JR.,	PETER LABAGH VANDERVEER,
BENJAMIN CHALMERS NEVIUS,	WILLIAM HALSEY VAN DOREN,
CORNELIUS SHADDLE SEE,	WILLIAM PENN WILSON.

SOPHOMORE ORATORS.

EDWARD BENEDICT,	ARCHIBALD MERCER,
VERNON B. CARROLL,	T. MORRIS STRONG,
ARTHUR CROSBY,	GOUVERNEUR R. VROOM,
FREDERICK FRELINGHUYSEN,	VAN RENSSELAER WESTON.

PRIZES.

SUYDAM PRIZE FOR COMPOSITION.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library before he can receive the prize.

Subject for 1867:—*The Influence of the Reformation on the Intellect of Europe.*

COMMITTEE OF AWARD FOR 1867—Talbot W. Chambers, D.D., Rev. J. McHolmes, S. B. Schieffelin, Esq.,

Names of those who have received this prize:

1854—JAMES LE FEVRE,
1855—ISAAC L. KIP,
1856—GEORGE V. N. BALDWIN, SILAS D. SCUDDER,
1857—JAS. W. SCHERMERHORN, BENJAMIN C. SEARS,
1858—ROBERT O. CURRIE, JR.,
1859—T. SANDFORD DOOLITTLE,
1860—DUPUYTREN VERMILYE,
1861—WILLIAM P. MESICK,
1862—FRANCIS A. HORTON,
1863—WILLIAM SMITH,
1864—WILLIAM H. LEUPP, JR.,
1865—WILLIAM H. DEHART,
1866—JOHN G. VAN SLYKE.

SUYDAM PRIZE IN NATURAL SCIENCE.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

COMMITTEE OF AWARD FOR 1867—E. M. Hunt, M. D., Geo. E. Murray, Esq., Hon. J. G. J. Campbell.

Names of those who have received this prize:

1854—WILLIAM W. POST,
1855—MILTON A. FOWLER,
1856—JOSIAH JANSEN,
1857—D. TEN BROECK REILEY,
1858—JOHN B. DRURY,
1859—WILLIAM CORNELL,
1860—DUPUYTREN VERMILYE,
1861———————,
1862—ABRAM Q. GARRETSON,
1863—JOSEPH M. DIXON,
1864—N. I. MARSELUS BOGERT,
1865—FRANCIS C. VAN DYCK,
1866—ISAAC P. BROKAW.

THE BRODHEAD CLASSICAL PRIZE.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination at a time to be fixed by the Faculty near the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of the examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject of the essay for 1867:—*Cicero's view of Death.*

Subject of the examination for 1867:—*First Book of De Finibus.*

COMMITTEE OF AWARD FOR 1867—Rev. Henry P. Thompson, J. W. Schermerhorn, A. M., Rev. George H. Peek.

Names of those who have received this prize:

1855—DANIEL RAPLEJE,
1856—JOHN BELLENGER DOD,
1857—ABRAHAM THOMPSON,
1858—ROBERT O. CURRIE, JR.,
1859—JONATHAN DIXON, JR.,
1860—DUPUYTREN VERMILYE,
1861—LOUIS H. BAHLER,
1862—PETER LEPELTAK,
1863—GEORGE W. SWAIN,
1864—N. I. MARSELUS BOGERT,
1865—ISAAC E. HASBROUCK,
1866—GEORGE D. HULST.

THE BRADLEY MATHEMATICAL PRIZE.

This prize is given by Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed upon that student of the Senior Class who shall have made the greatest proficiency in Mathematics.

Recipients of this prize, 1864—N. I. MARSELUS BOGERT,
1865—ISAAC E. HASBROUCK,
1866—ELLIS A. APGAR.

COMMITTEE OF AWARD FOR 1867—Rev. John B. Thompson, Cornelius Esselstyn, Esq., Henry B. Pierce, Esq.,

MYRON W. SMITH PRIZES.

These prizes are founded by Lyndon A. Smith, M. D., of Newark, in the name of his son Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued in the college the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman Year shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22nd day of February; on which occasion the eight students of the Sophomore class who shall be adjudged by the faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

COMMITTEE OF AWARD FOR 1867—Rev. J. H. Suydam, Henry M. Baldwin, M. D., Charles M. Herbert, Esq.

Recipients of these prizes:

1866—First Prize,.....ARCHIBALD MERCER.
1866—Second " VERNON B. CARROLL.

SCHERMERHORN PRIZE FOR COMPOSITION.

This prize the gift of J. W. Schermerhorn, A. M., consists of $25,00 worth of Books, at wholesale prices, selected by the recipient, and is to be given to the member of the Junior Class, who shall write the best English Composition on a subject assigned to the Class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the college, and present it for preservation in the Library, before he can receive the prize.

Subject for 1867:—*The influence which the late Rebellion may have upon the future prosperity of our Country.*

COMMITTEE OF AWARD FOR 1867—Rev. Peter Stryker, D. D., Gen. George H. Sharp, James S. Aitkin, Esq.

HONORARY DEGREES.

The following honorary degrees were conferred by the Board of Trustees at Commencement, 1866:—

LL.D.

Rev. John Mc Clintock, D. D., Hon. Peter Vredenburgh,
Cortlandt Parker, Esq.

D. D.

Rev. Robert L. Dashiell, Rev. Joseph Kimball,
Rev. Charles Stitt, Rev. David Steele,
Rev. Edward Brenton Boggs.

A. M.

Rev. Harvey R. Schermerhorn,

A. B.

Albert Zabriskie.

ALUMNI ASSOCIATION.

OFFICERS FOR 1867.

PRESIDENT,

J. F. HAGAMAN, ESQ.

VICE PRESIDENT,

REV. J. W. SCHENCK.

SECRETARY,

REV. JOHN L. SEE, D. D.

CURATOR,

EDWARD S. VAIL, ESQ.

ORATOR,

REV. P. H. STRYKER, D. D., *Primarius.*

Secundus.

CALENDAR.

1866.

June 20th,—Commencement.....Wednesday.

SUMMER VACATION.

Sept. 20th,—First Session begins.....Thursday.

Dec. 19th,—First Session ends.....Wednesday.

1867. WINTER VACATION.

Jan. 3rd,—Second Session begins.....Thursday.

Feb. 22d,—Sophomore Exhibition.....Friday.

April 3rd,—Second Session ends.....Wednesday.

SPRING VACATION.

April 11th,—Third Session begins.....Thursday.

May 21st, 22d,—Senior Examination and Examination for Prizes.....Monday and Tuesday.

June 10th,—Examination of Lower Classes begins.....Monday.

June 16th,—Baccalaureate Sermon by the President before the Graduating Class.....Sunday.

June 17th, 18th,—Examination for Admission....Monday and Tuesday.

June 17th,—Anniversary of the Nat. Hist. Society...Monday Afternoon.

June 18th,—Address before the Literary Societies.....Tuesday, 12 M.

June 18th,—Address before the Alumni.....Tuesday, 3 P. M.

June 18th,—Junior Exhibition.....Tuesday Evening.

June 19th,—Commencement.....Wednesday.

SUMMER VACATION.

Sept. 20th,—First Session begins.....Friday.

Sept. 20th, 21st,—Examination for Admission.....Friday and Saturday.

Dec. 18th,—First Session ends.....Wednesday.

1868. WINTER VACATION.

Jan. 2nd,—Second Session begins.....Thursday.

Rutgers College Grammar School.

Rev. ALEXANDER McKELVEY, Rector.

The Academical year of this Institution will commence on Monday, September 3rd, and will continue forty weeks. It will consist of three Sessions: the first, from September 3rd, sixteen weeks; the second, from January 3rd, thirteen weeks; the third, from April 11th, eleven weeks. There will be two public examinations: one at the end of the first session, the other at the close of the year.

No pains are spared in this School to have its Course of Instruction thorough, and its Government satisfactory, and to secure to the pupils the fullest preparation necessary for entrance into College, or engagement in business pursuits.

It is under the inspection of the Faculty and the control of the Board of Trustees of the College,

A class for entering College at the close of the year will be formed at the beginning of the first Session. For entering this class pupils will be strictly examined as to their various attainments, and none will be admitted subsequently without an additional examination on the studies passed over by the class.

Board may be had in private families at moderate prices. All boarding pupils are under the special care of the Rector.

TERMS:

TUITION—Common English Branches, . .	$10.00	per quarter of ten weeks.
Higher English, ...	12.00	"
Latin, including the above, . .	15.00	"
Greek, including the above, . .	17.00	"
Incidentals, ...	.50	per session.

The Tuition to be paid at the beginning of each Session in sums proportioned to the length of the Session. No deduction for absence, unless occasioned by protracted sickness; and no extra charges, except for Modern Languages.

78.73
R97

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1867–8.

FOUNDED A. D. 1770.

NEWARK, N. J.:
STARBUCK, JENNINGS & BRO., STEAM PRINTERS, 123 MARKET-ST.

1868.

TRUSTEES.

EX OFFICIO.

His Excellency MARCUS L. WARD, Newark,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton,
Chief-Justice of the State of New Jersey.

Hon. GEORGE W. ROBESON, Camden,
Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCE.	DATE OF ELECTION.
Rev. WILLIAM H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
WILLIAM VAN DEURSEN, M.D.,	New Brunswick,	Nov. 14. 1823
Rev. JAMES B. HARDENBERGH, D.D.,	New Yor City,	Dec. 5, 1825
Hon. PETER D. VROOM, LL.D.,	Trenton,	July 15, 1828
Rev. SAMUEL B. HOW, D.D.,	New Brunswick,	April 1, 1833
Hon. A. BRUYN HASBROUCK, LL.D.,	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. THOMAS E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. PETER VREDENBURG,	Freehold,	July 24, 1849
Rev. ISAAC N. WYCKOFF, D.D.,	Albany, N. Y.,	July 22, 1851
JOHN HOPPER, Esq.,	Paterson,	July 22, 1851
Hon. FRED. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851

NAMES.	RESIDENCES.	DATE OF ELECTION.
J. ROMEYN BRODHEAD, L.L.D,	New York City,	April 12, 1853
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Poughkeepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July 27, 1853
JAMES SUYDAM, Esq.,	New York City,	Sept. 27, 1853
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
REv. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D.D..	Ithaca, N. Y.,	June 29, 1858
JOSEPH P. BRADLEY, LL.D.,	Newark,	June 29, 1858
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N. Y.,	Oct. 16, 1860
Hon. JACOB R. WORTENDYKE,	Jersey City,	April 8, 1862
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
EDWARD S. BRAYTON, Esq.,	Utica, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
A. O. ZABRISKIE, LL. D.,	Jersey City,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro',	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
JACOB W. JEWETT, Esq.,	Poughkeepsie, N. Y.,	April 11, 1866

Rev. DAVID D. DEMAREST, D.D,, *Secretary of the Board*,
New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer*,
Office—89 Albany Street, New Brunswick.

PHILIP A. SCHMIDT, *Janitor*.

FACULTY.*

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,

(PRESIDENT,)

THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity and Moral Philosophy.*

GEORGE H. COOK, PH.D., LL.D.,

(VICE-PRESIDENT,)

Professor of Chemistry, Natural History and Agriculture.

REV. DEWITT TEN BROECK REILEY, A. M.,

Professor of the Latin Language and Literature, and Rector of the Grammar School.

DAVID MURRAY, A. M., PH.D.,

Professor of Mathematics, Natural Philosophy and Astronomy.

GUSTAVUS FISCHER,

Professor of Modern Languages and Literature.

REV. THEODORE SANDFORD DOOLITTLE, A. M.,

Collegiate Church Professor of Rhetoric, Logic and Mental Philosophy.

*Arranged (with the exception of the President) according to seniority of appointment.

REV. JACOB COOPER, PH.D.,

Professor of the Greek Language and Literature.

COL. JOSIAH HOLCOMB KELLOGG,

BREVET-MAJOR UNITED STATES ARMY,

Professor of Engineering and Military Superintendent.

JOHN CONOVER SMOCK, A. M.,

Professor Elect of Mining and Metallurgy.

.

VOORHEES *Professor of History, Political Economy and Constitutional Law.*

FRANCIS CUYLER VAN DYCK, A. B.,

Tutor in Chemistry.

ISAAC EDGAR HASBROUCK,

Tutor in Mathematics.

JOHN KNIGHT,

Manager of Experimental Farm.

JOSEPH P. BRADLEY, LL.D.,

OF NEWARK, N. J.,

Has been engaged to deliver a course of Lectures on Political Economy and Constitutional Law, during the present year.

*Arranged (with the exception of the President) according to seniority of appointment.

SENIOR CLASS.

Κυμιδῇ πάμμαχοι.

NAMES.	RESIDENCES.	ROOMS.
MAXIMILIAN BÄHLER,	Albany, N. Y.,	32 Hertzog Hall.
EDWARD BENEDICT,	Pleasantville, N. Y.,	49 Schureman St.
VERNON BOND CARROLL,	Williamsburgh, N. Y.,	96 Church St.
ARTHUR CROSBY,	Poughkeepsie, N. Y.,	51 Hertzog Hall.
WILLIAM EMERSON DAVIS,	Guilderland Centre, N. Y.,	46 H. Hall.
HERBERT ARMITAGE DRAKE,	Hopewell,	49 Schureman St.
COERT DUBOIS,	Hudson, N. Y.,	155 George St.
MOLTON HOOKS FORREST,	Bergen Point,	55 Church St.
FREDERICK FRELINGHUYSEN,	Newark,	Newark.
ARCHIBALD MERCER,	Newark,	Newark.
WILLIAM HENRY RANKIN,	Newark,	69½ Albany St.
SEYMOUR ROYAL SMITH,	Waterloo,	79 George St.
THOMAS MORRIS STRONG,	Ithaca, N. Y.,	155 George St.
ALEXANDER JOSEPH SWIFT,	New Brunswick,	54 George St.
DANIEL TALMAGE, JR.,	Brooklyn, N. Y.,	86 Bayard St.
EDWARD CADY THOMAS,	New Brunswick,	Seminary Place.
GOUVERNEUR RUTGERS VROOM,	Trenton,	155 George St.
VAN RENSSELAER WESTON,	New Brunswick,	Woodlawn.

JUNIOR CLASS.

Ἀνδριζώμεθα.

NAMES.	RESIDENCES.	ROOMS.
MARTIN BÄHLER,	Paterson,	37 Hertzog Hall.
JOHN BERDAN,	Paterson,	78 Bayard St.
EDGAR BERGEN,	Flatlands, L. I., N. Y.,	78 George St.
THEODORE DOUGLAS FRAZEE,	Bound Brook,	Bound Brook.
WILLIAM ELLIOTT GRIFFIS,	Philadelphia, Pa.,	39 Hertzog Hall.
JOHN HART,	Richboro, Pa.,	1 Hertzog Hall.
EBENEZER PLATT JOHNSON,	Upper Red Hook, N. Y.,	37 Sch'm'n St.
CHARLES LUMAN KNAPP,	Lowville, N. Y.,	49 Schureman St.
GEORGE WARNE LABAW,	Harlingen,	78 George St.
EDWARD LODEWICK,	East Greenbush, N. Y.,	25 Hert. Hall.
EDWARD CLARENCE PRUYN,	Albany, N. Y.,	155 George St.
EDWARD DWIGHT SHEPARD,	Hudson, N. Y.,	38 Hertzog Hall.
NICHOLAS TERHUNE,	Paterson,	78 Bayard St.
WILLIAM LITTLE TERHUNE,	Matawan,	149 George St.
MOTT BEDELL VAIL,	New Brunswick,	74 Carroll Place.
JOHN TALMAGE VAN CLEEF,	Jersey City,	58 Albany St.

SOPHOMORE CLASS.

Εὔσχοχοι χαι εὔστοχοι.

NAMES.	RESIDENCES.	ROOMS.
Asher Anderson,	Flatlands, L. I., N. Y.,	19 Hert. Hall.
Luther Barton,	Dayton,	Dayton.
James Bishop,	New Brunswick,	College Avenue.
Edward Brayton,	Utica, N. Y.,	57 Albany St.
Frederick Alexand'r Canfield,	Dover,	26 Hertzog Hall.
John Gardner Cortelyou,	Harlingen,	26 Hertzog Hall.
H. Garrett Voorhees DeHart,	New Brunswick,	48 New St.
Willitt Denike, Jr.,	Rahway,	Rahway.
Clinton Dewitt,	New Brunswick,	Seminary Place.
Thomas Barron Edgar,	Woodbridge,	Woodbridge,
Geo. Griswold Frelinghuysen,	Newark,	Newark.
George Rem Garretson,	Jersey City,	27 Hertzog Hall.
Alexander Johnson,	Chillicothe, Ill,,	47 Hertzog Hall.
Charles Joshua Ketcham Jones,	New Brunswick,	55 Church St.
John Ring Kaley,	Albany, N. Y.,	13 Hertzog Hall.
Luther Laflin Kellogg,	Malden, N. Y.,	155 George St.
David Mulf'd Knickerbocker,	Hudson, N. Y.,	38 Hertzog Hall.
Calvin Edward Lasher,	Germantown, N. Y.,	4 Hertzog Hall.
John Hodge Leupp,	New Brunswick,	59 Albany St.
John Frederick McLaury,	Delhi, N. Y.,	Cold Spring.
Nicholas Pearse,	Lishas Kill, N. Y.,	14 Hertzog Hall.
Richard Augustus Pearse,	Lishas Kill, N. Y,,	14 Hertzog Hall.
Jacob Wyckoff Schenck,	New Brunswick,	74 Bayard St.
Levi Morgan Strong,	Watervliet Centre, N. Y.,	Sch'm'n St.
Graham Taylor,	New Brunswick,	54 Somerset St.
Charles Brainerd Thomas,	San Francisco, Cal.,	Seminary Place.
Thomas Markley Trego,	New Bal'm'e, N. Y.,	46 Hertzog Hall.
Abraham Van Horn,	Lafayette,	Lafayette.
James Cronkhite Weston,	New Brunswick,	Woodlawn.

FRESHMAN CLASS.

Διὰ πονεῖν εὐτυχεῖν.

NAMES.	RESIDENCES.	ROOMS.
Aaron William Benson,	Grovernor's Corners, N. Y.,	40 H. Hall.
George Berdine,	New Brunswick,	67 New St.
John Woodruff Conklin,	Boonton,	13 Hertzog Hall.
John Lane Connet,	Flemington,	45 Hertzog Hall.
Ezra Doane DeLamater,	Hudson, N. Y.,	69 Albany St.
Joseph Fischer,	New Brunswick,	Livingston Ave.
Haley Fisk,	New Brunswick,	18 George St.
James Cortelyou Garretson,	New Brunswick,	20 Neilson St.
James Edward Graham,	Berne, N. Y.,	13 Hertzog Hall.
Andrew Hageman,	Reddington,	45 Hertzog Hall.
Willis Horton Harder,	Kinderhook, N. Y.,	6 George St.
William James Hill,	Portglenone, Ireland,	48 Hertzog Hall.
John Hora Jackson,	Rahway,	Rahway.
Ananias Lawrence,	Milltown,	Milltown.
William Hulit Lawrence,	New Brunswick,	57 Bayard St.
George Edgar Pace,	East Millstone,	East Millstone.
H. Ten Broeck Van Romondt,	New Brunswick,	118 George St.
Walter William Schell,	Rhinebeck, N. Y.,	86 Bayard St.
William Newton Todd,	Potterstown,	21 Hertzog Hall.
Charles Francis VanInwegen,	Port Jervis, N. Y.,	153 George St.
Willard Penfield Voorhees,	New Brunswick,	4 Livingston Ave.
Alexander Henry Weir,	New Brunswick,	Richardson St.
William Wirt Wendover,	Kinderhook, N. Y.,	6 George St.
Edwin Bleecker Williamson,	New York City,	35 Schuremen St.
John Henry Wyckoff,	New Brunswick,	Railroad Ave.

RUTGERS SCIENTIFIC SCHOOL.

First Class.

Aucun chemin de fleurs ne conduit à la gloire.

NAMES.	RESIDENCES.	ROOMS.
Edward Albert Bowser,	Brooklyn, N. Y.,	153 George St.
Charles Barnes,	Poughkeepsie, N. Y.,	57 Albany St.
Garretson Hageman,	Middlebush,	Middlebush.
George Howell,	Roadstown,	10 Easton Ave.
William Edward Kelly,	New Brunswick,	7 Morris St.
Edward Clarence Pearson,	Elizabeth,	Elizabeth.
Floyd Marvin Vanderoef,	Florida, N. Y.,	65 Albany St.

Second Class.

Toujours prêt.

NAMES.	RESIDENCES.	ROOMS.
Symmes Bergen,*	Princeton,	Princeton.
Nathaniel Board,	Pompton,	55 Albany St.
Simeon Eastlack Bucknall,	New Brunswick,	College Ave.
Edward Warren Clark,†	Albany, N. Y.,	4 Hertzog Hall.
Spencer Houghton Cone,	Voorhees' Station,	Voorhees' Station.
Holmes Van Mater Dennis,	Marlboro,	57 Albany St.
J. Ridgway Fell,	Trenton,	Trenton.
Cornelius Wyckoff Garretson,	*New Brunswick,	22 Neilson St.
Henry C. Hopper,*	Irvington,	78 Bayard St.
Harry Clay Freese,†	Trenton,	55 Albany St.
Marvin Reuben Merchant,	New Brunswick,	College Ave,

NAMES.	RESIDENCES.	ROOMS.
THOMAS MURRAY,	South River,	86 Bayard St.
ROBERTSON HEND'SON ROBERTSON,	Philadelphia, Pa.,	155 George St.
EDWARD SEALY,	Madison,	78 Bayard St.
GEORGE CLARENCE TOWLE,	East Brunswick,	Raritan Park.
AUGUSTUS VANDERVEER,	Rocky Hill,	Rocky Hill.
WILLIAM AUGUSTUS VAN MATER,	Holmdel,	57 Albany St.
ABRAM DE HART VOORHEES,	Six Mile Run,	62 Church St.

* Special Students. † Enters Regular Course.

THIRD CLASS.

Das Weſen, nicht den Schein!

NAMES.	RESIDENCES.	ROOMS.
BENJ. ROSEVELT KISSAM BURKE,*	Somerville,	Somerville.
WILLIAM CLARK,	Matawan,	12 Kirkpatrick St.
WILLIAM GRANT COOK, JR.,	Trenton,	55 Albany St.
JOSHUA DOUGHTY, JR.,*	Somerville,	57 Albany St.
CHARLES ARNDT DUNHAM,	New Brunswick,	Livingston Ave.
EDWIN FIELD,	Middletown,	78 Bayard St.
LOUIS GORDON HANNA,	Rahway,	Rahway.
CHARLES CHAUNCY HAVEN, JR.,	Trenton,	Trenton.
HARRY CROCKETT IVES,	Newark,	Newark.
TORO KUSAKABE,	Achizen, Japan,	62 Church St.
JOHN DUNHAM MARTIN,	New Brunswick,	75 Church St.
WILLIAM ROSS ROBINS,	New Brunswick,	110 George St.
GEORGE EDWARD SEALY,	Newark,	78 Bayard St.
EDWARD FRANCIS STANTON,	Rahway,	Rahway.
OTIS COMFORT TIFFANY,†	New Brunswick,	60 Bayard St.
JOHN VAN CLEEF VOORHEES,*	Six Mile Run,	55 Albany St,
DOUWE DITMARS WILLIAMSON,	New Brunswick,	College Ave.

* Special Students. † Enters Regular Course.

RECAPITULATION.

NEW JERSEY,	86
NEW YORK,	37
PENNSYLVANIA,	3
CALIFORNIA,	1
ILLINOIS,	1
IRELAND,	1
JAPAN,	1
TOTAL,	130

SUMMARY.

SENIORS,	18
JUNIORS,	16
SOPHOMORES,	29
FRESHMEN,	25
RUTGERS SCIENTIFIC SCHOOL, FIRST CLASS,	7
" " " SECOND CLASS,	18
" " " THIRD CLASS,	17
TOTAL,	130

ADMISSION.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Candidates for admission to the Freshman Class are required to pass satisfactory examinations upon the following subjects, viz:

LATIN.

Andrews & Stoddard's, or Harkness' Grammar.

Fischer's Manual of Latin Grammar and Composition—First part.

Cæsar's Gallic War.

Two Books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian law, for the poet Archias, and for King Deiotarus.

The class entering September, 1869, will use Harkness' Grammar.

GREEK.

Hadley's Greek Grammar.

Whiton's, or Crosby's Greek Lessons.

Xenophon's Anabasis, (three books).

Arnold's First Greek Book, entire.

Homer's Iliad—one book.

Prosody.

MATHEMATICS.

Arithmetic complete.

Algebra to Quadratic Equations.

In 1868 and subsequently Plane Geometry will also be required.

GEOGRAPHY.

Ancient and Modern Geography.

In Latin and Greek, a full equivalent to what is stated above will be received.

Students applying for admission to an advanced class are required to pass satisfactory examinations upon all the previous studies of the class, or upon their equivalents.

Students who desire to pursue particular branches of study may be allowed to do so, if properly prepared to go on with the classes in such branches, and special provision is made for such students in the department of practical science.

The following requirements are stated more specifically for the benefit of those who wish to know, with greater precision, in what things they are expected to be proficient. They do not represent the maximum, and it is earnestly recommended that every applicant for admission to the Freshman Class should exceed them.

LATIN.

Andrews & Stoddard's Latin Grammar is the standard from which rules are cited, although in advanced classes other Grammars, especially Zumpt's, are used for purposes of reference. The student is expected to have been thoroughly drilled in the declension of nouns, and the rules for gender, in the declension and comparison of adjectives; in the declension of pronouns; in the formation and conjugation of verbs, and in their synopses. In the syntax a complete acquaintance is of course required with all the simpler rules. In addition to this, there are many very important points which are often neglected. Examples of these are the special rules for the oblique cases, as for instance the ablative of time, of price, of respect, of means, etc; the consecution of tenses in dependent sentences; the use of the subjunctive; the use of the infinitive, and the gerundive construction.

Hanson's Latin Prose Book is recommended both to teacher and student. This book has far better references to the Standard Grammars of Harkness and Andrews, than any American edition of the Latin authors. It contains all of Cæsar, Sallust and Cicero necessary to be read in preparation, and is a most excellent guide to those who need assistance.

Latin Composition.—In Latin Composition, the greatest amount of exercise which the student can have, will give him most rapidly the best and firmest knowledge of the Language, and will make his college course more pleasant and beneficial. A full equivalent will be received instead of what has been named.

TEXT.—It is required that a student shall have read Cæsar, two books of Virgil's Ænied or of Ovid's Metamorphoses, and the seven orations of Cicero mentioned above. The examination will rest much more, however, on how the author has been studied, than on how much has been passed over; on quality, rather than quantity. It is recommended that much more attention be paid to prose than to poetry, as from prose only the student can learn the regular forms of the language.

PRONUNCIATION.—The system followed is the continental, though differing somewhat from that so-called, usually found in the grammars. Any student, however, who has used the continental, will find little difficulty in accommodating himself to the differences he will meet here.

For correctness of pronunciation, the rules of Prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

Especial attention is called to the following rules in Andrews & Stoddard's Grammar—to the General Rules, §283, and the rules for the increment of nouns and verbs, §§286 to 290 inclusive, with the exceptions.

It is recommended that the student read some popular History of Rome, to serve as a basis for his College course in that study.

EXAMINATION.—The examination is regularly conducted in writing.

GREEK.

The examination will be

I. Upon the Grammar.

Hadley's Grammar is used in the College, and its use is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including both accent and quantity.

II. Upon Arnold's First Greek book, (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation.

In pronouncing Prose the written accent must be followed. In Poetry strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis, (three books) and Homer's Iliad, (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

MATHEMATICS.

For admission a satisfactory examination will be required on all the essential points of Arithmetic; especially on Common and Decimal Fractions, and Square and Cube Root.

Loomis' Algebra and Geometry are the Text Books used in the College, and nothing less than what is fully equivalent to the specified amount in this work can be accepted.

In the preparation for examination both upon Arithmetic and Algebra, it is recommended that much time be spent in solving examples and problems, so that not only the principles may be understood, but a habit of neat and *rapid* computation may be attained.

GEOGRAPHY.

In the geography of Ancient Italy, the students will be examined in regard to its different divisions and boundaries, its principal mountains, rivers and cities. The geography of Latium and of Etruria in the neighborhood of Rome should be studied with care.

In the geography of Ancient Greece, a knowledge of the outlines, the principal mountains, rivers and cities, as well as of the political divisions, is required.

Modern Geography will also form a subject of examination, especially in regard to the natural divisions of the globe, the zones and their different climates, the principal natural features of the several parts of the globe, as well as the political divisions of the earth's surface.

TIME OF EXAMINATION.

The regular examination for admission to College takes place on Saturday, Monday and Tuesday, June 13, 15, 16, before Commencement, beginning at 9 o'clock A. M., in the President's room. All who can do so are requested to present themselves on Saturday. Applicants for admission may also be examined on Tuesday and Wednesday, Sept. 22d and 23d, at the same hour and place.

PROBATION.

A probation of one term is required before students are matriculated, during which time they are subject to all the College statutes.

COURSE OF INSTRUCTION.

FRESHMAN CLASS.

FIRST TERM.

1. LATIN—Livy (first book), Latin Prose Composition, Dictated Exercises, Andrews & Stoddard's Latin Grammar.
2. GREEK—Xenophon's Memorabilia (two books), Arnold's Greek Prose Composition, Hadley's Greek Grammar, Written Translations from Greek into English.
3. MATHEMATICS—Loomis' Algebra, from Quadratic Equations to Infinitive Series.
4. RHETORIC—Lectures and Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.

SECOND TERM.

1. LATIN—Cicero De Senectute, Latin Prose Composition, Dictated Exercises, Andrews & Stoddard's Latin Grammar, Mythology (Eschenberg).
2. GREEK—Iliad or Odyssey (three books), Greek Prose Composition, Greek Grammar, Written Translations, Ancient Geography, (Putz and Arnold).
3. MATHEMATICS—Loomis' Geometry (plane), six books.
4. RHETORIC—Lectures and essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.

THIRD TERM.

1. LATIN—Livy (21st book), Latin Prose Composition, Andrews & Stoddard's Latin Grammar, Written Translations from Latin into English, Mythology, (Eschenberg).
2. GREEK—Felton's Greek Historians—Diodorus Siculus and Herodotus, Prose Composition, Written Translations, Ancient Chronology (Eschenberg).
3. MATHEMATICS—Loomis' Algebra—completed.
4. RHETORIC—Essays.
5. ANCIENT HISTORY.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

Sophomore Class.

FIRST TERM.

1. Latin—Cicero de Officiis, Latin Composition, Zumpt's and Madvig's Grammars.
2. Greek—Felton's Greek Historians, Thucydides, Arrian, Pausanias, Prose Composition, Written Translations.
3. Mathematics—Conic Sections.
4. Rhetoric—Essays; Lectures on English Language and Literature.
5. Modern History.
6. Biblical Recitations.
7. Elocution.
8. Hebrew.

SECOND TERM.

1. Latin—Tacitus, Latin Composition, Zumpt's and Madvig's Grammars, Roman Antiquities.
2. Demosthenes on the Crown, Written Translations, Greek Prose Composition, Greek Antiquities, (Eschenberg).
3. Mathematics—Loomis' Trigonometry.
4. Rhetoric—Essays; Lectures on English Language and Literature.
5. Modern History.
6. Modern Languages—French.
7. Biblical Recitations.
8. Elocution.

THIRD TERM.

1. Latin—Plautus, Horace, Latin Composition, Zumpt's and Madvig's Grammars, Roman Antiquities.
2. Greek—Aristophanes' Clouds, Written Translations, Arnold's Greek Prose Composition, finished, Greek Antiquities, History of Greece, (Smith).
3. Mathematics—Surveying.
4. Rhetoric—Essays.
5. Modern Languages—French.
6. Biblical Recitations.
7. Elocution.

JUNIOR CLASS.

FIRST TERM.

1. GREEK—Plato's Phædo, The Anthology, or Pindar's Odes, Lectures on Greek Literature.
2. MATHEMATICS—Analytical Geometry and Calculus—optional.
3. CHEMISTRY AND PHYSICS—Lectures.
4. RHETORIC—Day's Rhetoric and Essays.
5. MODERN LANGUAGES—German.
6. BIBLICAL RECITATIONS.
7. ELOCUTION—Original Speeches and Forensic Exercises.

SECOND TERM.

1. LATIN—Catullus, Ovid, Juvenal, Original Latin Composition, Lectures on Roman Literature.
2. CHEMISTRY AND PHYSICS—Lectures.
3. MECHANICS—Statics and Dynamics.
4. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Sir Wm. Hamilton's Metaphysics.
5. RHETORIC—Essays.
6. BIBLICAL RECITATIONS.
7. ELOCUTION—Original Speeches.
8. HEBREW.

THIRD TERM.

1. GREEK—Sophocles' Antigone or Œdipus Tyrannus, Lectures on Greek Literature.
2. MECHANICS—Hydrostatics, Hydrodynamics, Acoustics, Optics.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Sir Wm. Hamilton's Metaphysics with comments, and Lectures.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. RHETORIC.
7. ELOCUTION—Original Speeches.

Senior Class.

FIRST TERM.

1. Latin—Cicero's Tusculan Disputations or Quintilian, Latin Essays, Lectures.
2. Astronomy.
3. Evidences of Christianity—Lectures.
4. Moral Philosophy—Wayland and Hopkins; Lectures.
5. Political Economy—Lectures.
6. Rhetoric—Essays.
7. Modern Languages—German.
8. Biblical Recitations.
9. Elocution—Original Speeches.

SECOND TERM.

1. Physics—Heat, Electricity and Magnetism.
2. Evidences of Christianity—Lectures.
3. Moral Philosophy—Wayland and Hopkins.
4. Logic—Thompson, Lectures.
5. Political Economy—Lectures.
6. Rhetoric—Essays.
7. Modern Languages—German.
8. Biblical Recitations.
9. Elocution—Original Speeches.

THIRD TERM.

1. Greek—Trendelenburg's Elementa Logices, Aristotelicæ.
2. Architecture—Lectures.
3. Geology—Lectures.
4. Evidences of Christianity—Lectures, and Butler's Analogy.
5. Constitution of the United States—Story.
6. Rhetoric.
7. Biblical Recitations.
8. Elocution—Original Speeches.
9. Hebrew.

LECTURES.

The following lectures, either occasional, or in courses, are delivered to the classes of College during the year:

TO THE FOUR CLASSES COMBINED.

By the President:—On Tuesdays throughout the year, a course of lectures on Biblical Criticism.

TO THE SENIOR CLASS.

FIRST TERM, By PROF. REILEY; on Latin Literature.
SECOND TERM, By PROF. DOOLITTLE; on the history and uses of Logic.
By PROF. COOK; on Physics.
THIRD TERM, By the PRESIDENT; on Hebrew Language.
By PROF. COOK; on Geology.
By PROF. MURRAY; on Architecture.

TO THE JUNIOR CLASS.

FIRST TERM, By PROF. COOK; on Chemistry.
By PROF. COOPER; on Greek Language and Literature.
SECOND TERM, By the PRESIDENT; on Hebrew Language.
By PROF. COOK; on Chemistry and Physics.
By PROF REILEY; on Latin Literature.
By PROF. DOOLITTLE; on Mental Philosophy.
THIRD TERM, By PROF. COOPER; on Greek Language and Literature.

TO THE SOPHOMORE CLASS.

FIRST TERM, By the PRESIDENT; on Hebrew Language.
By PROF. DOOLITTLE; on English Language and Literature.

THIRD TERM, By PROF. DOOLITTLE; on English Language and Literature.

TO THE FRESHMAN CLASS.

PROFESSOR DOOLITTLE; a course of ten Lectures in illustration of the rules of Rhetoric. Also a course of ten Lectures on Elocution.

REMARKS

ON

THE COURSE OF INSTRUCTION.

LATIN.

The Freshman and Sophomore years are devoted to reading prose authors, in connection with Latin Composition, with a view of forming a good Latin Style. The knowledge of a language must be acquired from its prose, and not from its poetry. The student should be thoroughly versed in all the regular forms, as found in its classic prose, and then he will readily mark the peculiarities of construction, order and expression of its poetry. Besides, the poetry is better appreciated by the student in a more advanced class. For these reasons the poets are not read, until the last two years, and then in connection with lectures on the literature of the Language.

During the Freshman and Sophomore years, most attention is given to authors of the classic period, and especially to Cicero and Livy. During the Freshman year, the students receive a thorough drill upon the grammar, especially on its application to the author under discussion, and in Latin Composition.

In the Sophomore year, at present, the class use in composition Tischer's Uebungsbuch, prepared especially for Zumpt's and Madvig's grammars. These exercises are translated for the class into English, and the class use these grammars in rendering the exercises into Latin. Thus they pass again over the entire Syntax with thorough exercises, and are introduced to the study of the higher Grammars. In the text, the students are further exercised in the principles of the language. Attention is now particularly given to exceptions and rarer usages, synonyms and idioms. In these two years the students are made acquainted with the history, mythology and antiquities of Rome.

In the Junior and Senior years, the classes devote the most of their time to reading as many as possible of the Roman poets, in chronologi-

cal order, beginning with Plautus, and closing with Juvenal, in connection with lectures on the literature. A philosophical or rhetorical treatise is read during the Senior year, accompanied by lectures.

GREEK.

The table of studies shows the authors used, and the order in which they are read.

MATHEMATICS, MECHANICS AND ASTRONOMY.

The studies of this department are pursued in the following order.

FRESHMAN.

First Term.—Algebra—Quadratic Equations, Ratio and Proportion, Arithmetical and Geometrical Progressions, Permutations and Combinations, Involution and Evolution. Attention paid to the cultivation of a neat and rapid style of computation.

Second Term.—Plane Geometry, including the solution and construction of practical linear problems. Six books of Loomis' Geometry.

Third Term.—Algebra, including the Theory of Equations and of Logarithms.

SOPHOMORE.

First Term.—Conic Sections.

Second Term.—Trigonometry—Plane and Spherical. Students trained in the practical computation of plane and spherical triangles. Surveying with out-door exercises.

JUNIOR.

First Term.—Analytical Geometry and Calculus—Optional.

Second Term.—Mechanics—Statics and Dynamics.

Second and Third Term.—Mechanics—Hydrostatics and Hydrodynamics, Acoustics and Optics.

SENIOR.

First Term.—Astronomy. In addition to the study of the theory of the subject, the problems in practical Astronomy, of Time, Latitude and Longitude, with the Character of the observations necessary for their solution, will be discussed.

Third Term.—Architecture. The subject will be treated in a short series of lectures, with illustrations taken from ancient and modern art.

They will give the principles of construction and architecture, as well as an account of the prominent styles which have prevailed in different ages.

NATURAL SCIENCE.

In the course of instruction in this department, the object is to furnish by appropriate experiments and observations, facts from which the great principles of science are deduced; to illustrate by a selected series of experiments the methods of investigating natural phenomena; and to so group together and combine the various truths exhibited, that, to the thinking mind, they may not be looked upon as a mere collection of curious facts, but as related and dependent truths which form a part of one great harmonious whole.

The application of science to the industrial arts is also kept constantly in view.

CHEMISTRY is taught during the Junior year, by Lectures with experiments and recitations.

PHYSICS are taught during parts of the Junior and Senior years by lectures and experiments, in connection with the text-book.

BOTANY is studied in connection with the analysis of plants, during the third term of the Junior year.

GEOLOGY AND MINERALOGY.—A full course of lectures, illustrated by specimens of minerals, rocks, fossils, &c., from the College cabinet, is given during the third term of the Senior year.

College students desiring practical instruction in Natural Science can have facilities for doing so in the Scientific School.

BIBLICAL INSTRUCTION.

The course of Biblical Instruction contemplates making the student acquainted with the Hebrew of the Old Testament, and the Greek of the New, so that he may feel at home in reading the Original Scriptures. Besides this, all the students attend a recitation in the Greek New Testament every Sabbath morning. A weekly Lecture will also be delivered to all the undergraduates. These Lectures are designed to compose a four years' course on Biblical Criticism, Biblical Interpretation, the Historical Introduction to the books of the Bible, and the classification and consideration of the chief difficulties of the Old and New Testaments.

BELLES-LETTRES.

ELOCUTION.—During the Freshman year lectures are delivered on the general principles of Elocution. And a practical application of these

principles is made by appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there is an exercise in Oratory once a week in the College Chapel, attended by all the Students and the Faculty—at which three members of the Freshman and Sophomore classes respectively, are required to declaim, using, if they choose, selected pieces; and two members of the Junior and Senior classes respectively, are required to deliver original orations.

English Language and Literature.—These subjects are treated of in a course of twenty lectures which are delivered to the Sophomore class. It is designed here, by acquainting the student early in his course with the best authors and their choicest thoughts, to inculcate a literary taste, to lead him to a profitable employment of his leisure hours, and even moments, in pursuing a well-arranged system of reading, and to teach him how by analysis and criticism to attain the highest benefit from what he reads.

Rhetoric.—In connection with Composition—an exercise in which is required once a month from every student in College—the general rules of Rhetoric are dictated to the Freshman class. And in the first term of the Junior year the study of Rhetoric, in its philosophical principles, is pursued with great care and thoroughness.

Mental Philosophy.—Hickok's Empirical Psychology and Hamilton's Metaphysics, are the guide books in this department. But neither is implicitly followed. The aim is rather to arouse the student, by a diligent comparison of different authors, to investigate the open questions of Philosophy independently, and thus to train him to a comprehensive and cautious deliberation, as well in adopting the conclusions of others, as in forming and advancing his own. As opportunity offers, lectures upon important topics are interspersed through the course.

Logic.—In connection with the use of Thompson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

THE NATURAL HISTORY SOCIETY

of Rutgers College,

Which has for its objects the cultivation of Natural Science, and the formation of a cabinet of Natural History and Antiquities, furnishes increased facilities in this department of knowledge. It is constantly receiving additions to its collection of specimens of rocks, minerals and

fossils; also Zoological and Botanical specimens, and objects of antiquarian and historic interest. Friends of the College are earnestly invited to continue their generous contributions to this growing museum of Natural History.

EXAMINATION OF UNDER-GRADUATES.

The classes are all examined at the close of each term, on all the studies of the term. The Senior class has its final examination four weeks before Commencement.

TERMS.

The Academic year consists of three terms, the first beginning on or about the 20th day of September, and ending on the Wednesday before Christmas, the second beginning on the first Thursday after New Year's day, and ending on the first Wednesday of April, and the third beginning on the Thursday after the second Wednesday of April, and ending on the next before the last Wednesday of June.

EXPENSES.

Tuition per Annum	$60 00
Incidental Expenses	8 00
Admission Fee	5 00

Of the above, the admission fee is payable to the College Treasurer on entrance; the incidental expenses at the beginning of the first term, and of the tuition fee, $20 is payable at the beginning of each term.

Each candidate for the degree of A. B. is required to pay to the Treasurer a graduation fee of seven and a half dollars for the cost of the diploma and conferring the degree, and degrees will not be conferred until such fees are paid.

Board and room-rent, not including fuel or lights, can be obtained in respectable families in town, in ordinary times, at $2.50 to $4.00 per week; board without rooms, $2.00 to $2.50. Students having the ministry in view can obtain rooms at Hertzog Hall at $5.00 per annum; the expenses for fuel and light being about $8.00 per annum. At present the rates of board, fuel and light are increased at least fifty per cent.

BOARDING HOUSES.

The students shall board at such places only as are approved by the Faculty.

The Faculty have power to pass such rules and regulations relative to the number of boarders in each house as they think proper.

No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming; or be absent from his room except at such hours as shall be prescribed by the Faculty.

ATTENDANCE, ETC.

The students are required to attend prayers in the College Chapel.

The recitation hours are from 9 o'clock, A. M., to 1 o'clock, P. M., during five days of the week.

A Sermon is delivered every Sabbath morning in the College Chapel, by one of the Clerical officers of the Faculty. The students are required to be present, and also to attend Public Worship in the afternoon, at such places as their parents or guardians may direct. The Professors are charged with the moral and religious as well as the intellectual training of the students.

All the students are obliged to attend Biblical recitations every Sabbath morning in the Chapel.

No students are allowed to leave the city during the sessions, without permission from the President.

Rutgers Scientific School.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

FIRST CONGRESSIONAL DISTRICT.

	RESIDENCES.	TERM EXPIRES.
JAMES M. MECUM, Esq.,	Salem,	April 12, 1868.
JONATHAN INGHAM, Esq.,	Salem,	April 12, 1871.

SECOND CONGRESSIONAL DISTRICT.

Hon. WM. H. HENDRICKSON,	Middletown,	April 12, 1868.
(Vacancy.)		

THIRD CONGRESSIONAL DISTRICT.

Hon. JAMES BISHOP,	New Brunswick,	April 12, 1871.
Rev. D. KERR FREEMAN,	Belvidere,	April 12, 1870.

FOURTH CONGRESSIONAL DISTRICT.

Rev. ROBERT L. DASHIELL, D.D.,	Orange,	April 12, 1869.
JOHN COOKE, Esq.,	Paterson,	April 12, 1870.

FIFTH CONGRESSIONAL DISTRICT.

CORNELIUS VAN VORST, Esq.,	Jersey City,	April 12, 1869.
(Vacancy.)		

OFFICERS.

JOHN COOKE, Esq., *Chairman.*

Rev. ROBERT L. DASHIELL, D. D., *Secretary.*

FACULTY

OF THE

Rutgers Scientific School.

REV. WILLIAM HENRY CAMPBELL., D. D., LL.D.,

PRESIDENT.

GEORGE H. COOK, PH.D., LL.D.,

Professor of Chemistry, and Natural History.

DAVID MURRAY, A.M., PH.D.,

Professor of Mathematics, Natural Philosophy and Astronomy.

GUSTAVUS FISCHER,

Professor of French and German.

REV. THEODORE SANDFORD DOOLITTLE, A.M.,

Professor of Rhetoric, Logic and Mental Philosophy.

COL. JOSIAH HOLCOMB KELLOGG,

BREVET-MAJOR UNITED STATES ARMY,

Professor of Engineering and Military Superintendent.

JOHN CONOVER SMOCK, A.M.,

Professor Elect of Mining and Metallurgy.

FRANCIS CUYLER VAN DYCK, A.B.,

Tutor in Chemistry.

ISAAC EDGAR HASBROUCK, A.B.,

Tutor in Mathematics.

ORGANIZATION.

To meet the demands for education in practical science, the Trustees of Rutgers College have established a department of the College under the name of the "Rutgers Scientific School." This school has been designated by the Legislature of New Jersey, the State "College for the benefit of Agriculture and the Mechanic Arts," in conformity with the Act of Congress of 1862, "donating public lands to the several States and Territories which may provide Colleges for the benefit of Agriculture and the Mechanic Arts." The lands donated by this Act, were by law ordered to be sold, the proceeds to be invested, and the interest "to be devoted wholly and exclusively to the maintenance in that department of Rutgers College known as Rutgers Scientific School, of such courses of instruction as (including the courses of instruction already established) shall carry out the intent of the Act of Congress."

The law passed by the Legislature of New Jersey requires that in consideration of the income from the invested funds derived from the sale of lands being paid to the Trustees of Rutgers College, the Scientific School shall receive and educate gratuitously a certain number of students from the State of New Jersey, and makes the following provisions in regard to their number and appointment:

"The number of pupils to be so received gratuitously into said school shall be in each year such a number as would expend a sum equal to one half of the said interest for the same year, in paying for their instruction in said school, if they were required to pay for it at the regular rates charged to other pupils of said school, for the same year; said pupils so nominated and received shall be citizens of this State, and shall be admitted into said school upon the same terms and subject to the same rules and discipline which shall appy to all other pupils of said school, with the single exception that they shall not be required to pay anything for their instruction." "The students of Agriculture and the Mechanic Arts shall be admitted into said College upon the recommendation of the Board of Chosen Freeholders of their respective Counties, and the number of students that a County shall at any one time be entitled to have in said College shall be equal to the number of representatives in the Legislature to which such County is entitled, or in proportion to the same."

The law also provides for the appointment by the Governor and Senate of a Board of Visitors consisting of ten persons, two from each Congressional district, who "shall possess general powers of supervision

and control, and shall report to the Legislature such recommendations as to them may seem proper."

The School was opened for the admission of the full number of State students at the beginning of the College year, Sept. 1866.

The Scientific School receives in addition to students sent by State authority, all students from the State of New Jersey or other States, who may desire and are prepared to pursue its course of study.

COURSES OF STUDY.

The studies will be given in two courses, viz:

I. CIVIL ENGINEERING AND MECHANICS.

II. CHEMISTRY AND AGRICULTURE.

Either of these will occupy three years.

During the first year and the first term of the second year the studies of the two courses will be the same.

The courses of study include the following subjects:

Practical Chemistry, Chemical Analysis, and Chemistry applied to the Arts.

Land Surveying, Topographical Surveying, Civil Engineering, Architecture and Draughting.

Mechanical Philosophy, Machinery, Hydraulics.

Agriculture.

Geology and Mineralogy, and their application to Mining and Metallurgy.

Botany and Geology, with their relations to Vegetable and Animal Physiology.

Astronomy and Navigation.

Military Tactics.

French and German.

Instruction will also be afforded in Rhetoric, Mental Philosophy, History, Political Economy and International Law.

Courses of Lectures to adults upon various departments of Agriculture and the Mechanic Arts will also be given at stated times, through the second term of the year.

ARRANGEMENT OF STUDIES.

THIRD CLASS.

FIRST YEAR.

I. Course in Civil Engineering and Mechanics.

FIRST TERM.

Algebra, Quadratic Equations.
Geometry—Finished.
Draughting—Constructing Problems.
Elementary Principles of Zoology and Mineralogy.
Rhetoric. Exercises in Elocution and Composition.
French.

SECOND TERM.

Algebra—Finished.
Trigonometry.
Geometrical Draughting.
Meteorology and Modes of Keeping Meteorological Register.
History—Composition and Declamation.
French.

THIRD TERM.

Surveying, with Field Exercises.
Descriptive Geometry.
Elements of Botany.
Physical Geography.
History, Composition and Declamation.
Draughting,
French.

II. Course in Chemistry and Agriculture.

FIRST TERM.

Algebra, Quadratic Equations.
Geometry—four books.
Draughting—Constructing Problems.
Elementary Principles of Zoology and Mineralogy.
Rhetoric, Exercises in Elocution and Composition.
French.

SECOND TERM.

Algebra—Finished.
Geometry—Finished.
Geometrical Draughting.
Meteorology and Modes of Keeping Meteorological Register.
History, Composition and Declamation.
French.

THIRD TERM.

Trigonometry and Surveying.
Elements of Botany.
Physical Geography.
History, Composition and Declamation.
Draughting.
French.

SECOND CLASS.

SECOND YEAR.

FIRST TERM.

Analytical Geometry.
Roads and Railroads.
Shades, Shadows and Perspective.
Elements of Chemistry and Mineralogy.
Rhetoric, Composition and Declamation.
French.

SECOND TERM.

Differential and Integral Calculus.
Physics and General Chemistry.
Mental Philosophy—Essays.
Draughting.
German.

THIRD TERM.

Mechanics.
Optics and Acoustics.
Draughting.
Mental Philosophy—Essays.
German.

FIRST TERM.

Analytical Geometry.
Surveying and Leveling, with Field Practice.
Descriptive Geometry and Draughting.
Elements of Chemistry and Mineralogy.
Rhetoric, Composition and Declamation.
French.

SECOND TERM.

Analytical Chemistry, qualitative.
Physics and General Chemistry.
Mineralogy.
Agriculture.
English Composition and Declamation.
German.

THIRD TERM.

Physics and Chemistry.
Analytical Chemistry, quantitative.
Agriculture.
Mental Philosophy—Essays.
German.

First Class.

THIRD YEAR.

FIRST TERM.

Mechanics—Finished.
Astronomy and Use of Astronomical Instruments.
Engineering.
Moral Philosophy.
German.

SECOND TERM.

Geodetical Surveying.
Engineering.
Stone Cutting.
Geology.
Political Economy.
German.

THIRD TERM.

Hydraulic Engineering.
Military Engineering and Field Fortifications.
Designs for and Discussions of Constructions and Machines.
Constitution of the United States.
Architecture.

FIRST TERM.

Metallurgy and Mining.
Elements of Geology.
Moral Philosophy—Essays.
German.
Agriculture—Its Products.
Farm Accounts.

SECOND TERM.

Elements of Technology.
Agriculture—Its Products, continued.
Geology.
Political Economy.
German.

THIRD TERM.

Agriculture—Horticultural Products and Rural Embellishment.
Theses on Scientific and Practical subjects.
Constitution of the United States.

THEORY AND PRACTICE OF AGRICULTURE.

OUTLINE OF THE COURSE.

Instruction in the Theory and Practice of Agriculture will be conveyed for the present mainly by Lectures, except where suitable text-books can be obtained.

Opportunities for observation upon the College Farm will be given from time to time, and we hope to secure, ere long, a cabinet of specimens and models by which the Lectures delivered may be illustrated and exemplified. During the Terms mentioned below, the following subjects will be treated.

I. Second Term, Second Year.—Agriculture, its *Principles.*

Its development and present condition as an Art.

Its connection with the several branches of science.

The economic requisites of vegetable growth, including soils, and the theory of manures.

II. Third Term, Second Year.—Agriculture, its *Processes.*

Tillage, plowing; the physical manipulation of the land.

Implements and Machinery.

Drainage, Irrigation, etc.

The Practical use of Manures.

Farm Buildings—their construction and arrangement.

III. First Term, Third Year.—Agriculture, its *Products.*

1. *Farming and Farm Crops.*

The cereals, their cultivation, their management and uses.

Hemp, Flax and other commercial crops.

Root Crops and the Legumes.

Grasses and the care of Pasture Lands.

Rotation of Crops, and the use of Artificial Fertilizers.

IV. Second Term, Third Year.—*Products continued.*

2. *Animals and Animal Products.*

The Principles of Breeding and the various Improved Breeds.

The care of Domestic Animals and Fattening for Market.

Dairy Management, including Milk, Butter and Cheese.

Animals of Draught.

V. Third Term, Third Year.—*Products continued.*

3. *Horticultural Products and Rural Embellishment.*

The Orchard, including the Nursery propagation of Trees.

The Market Garden; forcing of plants and fruits.

The Vineyard; manufacture of wine, cider, &c.

Ornamental Trees and Shrubs, Landscape Gardening.

Either during the First Term of the Second Year, or subsequently, the study of Bookkeeping will be continued with special reference to *Farm Accounts*, which is believed to be one of the most important branches of study, and opportunities of practice will ultimately be afforded the students in keeping the accounts of the College Farm. The study of *Botany* will also be continued with direct bearing upon the plants, useful or injurious, which the farmer most frequently meets. Some attention will also be given to *Entomology*, either as a separate branch, or in connection with those Farm and Orchard products which suffer most from insect depredators.

The lectures of the different terms are adapted, as far as possible, to the seasons when they can best be practically exemplified.

For College Graduates and other advanced students who may wish to take a one-year course in Agriculture only, the lectures will be so arranged that such students can attend a double course during two-thirds of the year, thus:

1st Term—The lectures numbered.....III.
2d " " " " I and IV.
3d " " " " II and V.

MILITARY TACTICS.

During each year, the students will be drilled in Military tactics. They will also be instructed in the principles of Military Engineering and Fortification, and will be afforded opportunities for visiting the various military posts and fortifications in the vicinity. For this purpose the school is furnished with arms by the Quartermaster's department of the State.

APPLIANCES.

Among the advantages offered for the profitable pursuit of the above studies are:

I. The Library, the Collections, the Literary Societies, and all the facilities for literary education furnished by Rutgers College.

II. A Farm, where special attention will be given to Market Gardening, and to the cultivation of fruits; where the best modes of culture and the most improved implements are used; and where a system of keeping a full and complete account of all the operations, expenses and income of the farm can be studied.

III. An observatory, arranged and fitted with all the instruments needed for teaching practical astronomy.

IV. Accommodations for a Laboratory and Museum, with ample room for lectures upon experimental science, and for the practical operations of analytical chemistry; and where special provision is made for spreading out and exhibiting the collections of the minerals, rocks, fossils, plants and animals of the State.

V. Full sets of instruments for Surveying and Engineering.

VI. Excursions to mines, manufactories, &c., made under the direction of professors.

ADMISSION, FEES, &c.

Applicants for admission to either of the above courses, as candidates for a diploma, must be, at least, sixteen years of age, and must bring testimonials of good moral character. They must also pass a satisfactory examination in the following subjects, viz:—Arithmetic, Algebra to Quadratic Equations, three books of Geometry, Physical Geography, Geography, Spelling and English Grammar.

Persons desiring to enter the school for the purpose of pursuing special branches, will be required to pass an examination on the subjects neces-

sary to fit them for pursuing those branches to advantage.

Adults who wish to attend upon any of the courses of lectures, and are not candidates for diplomas or certificates, can do so, subject only to the rules for fees and discipline.

The proper time for entrance is at Commencement (June 13th, 15th and 16th, 1868,) or at the beginning of the College year (Sept. 22d, 1868,) when new classes are formed; but students will be admitted to a class at any time, upon their passing a satisfactory examination on the subjects which the class have passed over.

Examinations are held at the close of each term.

The *diploma* bestowed upon those who have satisfactorily completed either of the prescribed courses of study in the Institution, shall invest the recipient with the degree of *Bachelor of Science.* To those who leave the Institution without completing either course of study, the Faculty, at their discretion, shall be authorized to grant a certificate specifying their attainments. The Treasurer shall be authorized to procure diplomas, and to seal them with the corporate seal of the College. They shall be signed by the Trustees and Faculty.

Every Candidate for a Degree shall prepare a written thesis on some subject connected with his course of study. These theses shall be submitted to the Faculty two weeks before commencement, and shall be examined and approved by them.

The Anniversary Exercises of the Scientific School shall be held on Monday preceding the commencement of the College, and shall consist of the reading of selected theses by members of the graduating class, and of an address appropriate to the occasion by some person selected by the graduating class, subject to the approval of the Faculty.

The diplomas and certificates awarded to members of the scientific school shall be presented to them at the commencement exercises of the College.

FEES.—The charge for tuition is $75 a year; one-third, or $25, being payable at the commencement of each term.

The annual charge for incidentals, the present year, is $8.

Students in Analytical Chemistry are charged $15 additional, each term, for chemicals, and use of apparatus.

The fee for conferring the diploma is $7.50.

The terms and vacations are the same as those of the College, viz:

1. Sept. 20th to Wednesday before Christmas.
2. Thursday after New Year's day to first Wednesday in April.
3. Thursday after second Wednesday of April to next to last Wednesday of June.

APPOINTMENTS.

COMMENCEMENT, 1867.

HONORS.

TUNIS GARRET BERGEN.....Valedictory.
PETER LABAGH VANDERVEER.....Latin Salutatory
BENJAMIN CHALMERS NEVIUS.....English Salutatory
JOHN VAN WAGENEN HEERMANCE.....Philosophical Oration

JUNIOR ORATORS.

PEITHESSOPHIANS.	PHILOCLEANS.
MOLTON HOOKS FORREST,	VERNON BOND CARROLL,
ELIAS MEAD,	ARTHUR CROSBY,
ARCHIBALD MERCER,	WILLIAM EMERSON DAVIS,
WILLIAM HENRY RANKIN,	EDWARD CADY THOMAS,
	GOUVERNEUR RUTGERS VROOM.

SOPHOMORE ORATORS.

PHILOCLEAN.	PEITHESSOPHIANS.
WILLIAM ELLIOT GRIFFIS.	JOHN HART,
CHARLES LUMAN KNAPP.	EBENEZER PLATT JOHNSON.
GEORGE WHITFIELD ROBINSON.	GEORGE WARNE LABAW,
	JOHN TALMAGE VAN CLEEF.
	WILLIAM LITTLE TERHUNE.

PRIZES.

SUYDAM PRIZE FOR COMPOSITION.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library before he can receive the prize.

Subject for 1868:—*The Right vs. the Expedient.*

COMMITTEE OF AWARD FOR 1868—Rev. Thomas E. Vermilye, D. D., Rev. Joseph E. Kimball, D. D., Rev. Joseph F. Berg, D. D.

Names of those who have received this prize:

1854—JAMES LE FEVRE,
1855—ISAAC L. KIP,
1856—GEORGE V. N. BALDWIN, SILAS D. SCUDDER,
1857—JAS. W. SCHERMERHORN, BENJAMIN C. SEARS,
1858—ROBERT O. CURRIE, JR.,
1859—T. SANDFORD DOOLITTLE,
1860—DUPUYTREN VERMILYE,
1861—WILLIAM P. MESICK,
1862—FRANCIS A. HORTON,
1863—WILLIAM SMITH,
1864—WILLIAM H. LEUPP, JR.,
1865—WILLIAM H. DEHART,
1866—JOHN G. VAN SLYKE,
1867—PETER LABAGH VANDERVEER.

SUYDAM PRIZE IN NATURAL SCIENCE.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

COMMITTEE OF AWARD FOR 1868—Hon. J. G. J. Campbell, Dr. Franklin Smith, Rev. William Reiley, D. D.

Names of those who have received this prize:

1854—WILLIAM W. POST,
1855—MILTON A. FOWLER,
1856—JOSIAH JANSEN,
1857—D. TEN BROECK REILEY,
1858—JOHN B. DRURY,
1859—WILLIAM CORNELL,
1860—DUPUYTREN VERMILYE,
1861———————,
1862—ABRAM Q. GARRETSON,
1863—JOSEPH M. DIXON,
1864—N. I. MARSELUS BOGERT,
1865—FRANCIS C. VAN DYCK,
1866—ISAAC P. BROKAW,
1867—PETER LABAGH VANDERVEER.

THE BROADHEAD CLASSICAL PRIZE.

This prize is the gift of the late Rev. Dr. Jacob Broadhead, and his son J. Romeyn Broadhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject of the Essay for 1868:—*The Platonic Idea of the Soul's Immortality.* The Thesis to be written in Greek.

Subject of the examination for 1868:—*Thucydides*, Book II: Chaps. 34–54.

COMMITTEE OF AWARD FOR 1868:—Rev. Joseph G. Symmes, Rev. E. T. Corwin, Rev. Dr. Franklin.

Names of those who have received this Prize:

1855—DANIEL RAPLEJE,
1856—JOHN BELLENGER DOD.
1857—ABRAHAM THOMPSON,
1858—ROBERT O. CURRIE, JR.,
1859—JONATHAN DIXON, JR.,
1860—DUPUYTREN VERMILYE,
1861—LOUIS H. BÄHLER,
1862—PETER LEPETAK,
1863—GEORGE W. SWAIN,
1864—N. I. MARSELUS BOGERT,
1865—ISAAC E. HASBROUCK,
1866—GEORGE D. HULST,
1867—TUNIS GARRET BERGEN.

THE BRADLEY MATHEMATICAL PRIZE.

This prize is given by Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed upon that student of the Senior Class who shall have made the greatest proficiency in Mathematics.

Recipients of this prize, 1864—N. I. MARSELUS BOGERT,
1865—ISAAC E. HASBROUCK,
1866—ELLAS A. APGAR.
1867—BENJAMIN CHALMERS NEVIUS.

COMMITTEE OF AWARD FOR 1868—J. B. Bassinger, Esq., Israel Smith, E. A. Apgar, Esq.

MYRON W. SMITH PRIZES.

These prizes are founded by Lyndon A. Smith, M. D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

COMMITTEE OF AWARD FOR 1868.—Rev. Elbert S. Porter, D. D., Wm. Oland Bourne, Esq., Rev. O. H. Tiffany, D. D.

Recipients of these prizes:

1866—First Prize.....ARCHIBALD MERCER.
1866—Second Prize.....VERNON BOND CARROLL.
1867—First Prize.....JOHN TALMAGE VAN CLEEF.
1867—Second Prize.....WILLIAM ELLIOT GRIFFIS.

SCHERMERHORN PRIZE FOR COMPOSITION.

This prize, the gift of J. W. Schermerhorn, A. M., consists of $25.00 worth of books at wholesale prices, selected by the recipient, and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1868:—*Oliver Cromwell's Responsibility in the Death of Charles I.*

COMMITTEE OF AWARD FOR 1868.—Hon. Erastus Benedict, Allen G. Bassett, Esq., John Y. Foster, Esq.

Recipient of Prize:

1867.....EDWARD CADY THOMAS.

HONORARY DEGREES.

The following honorary degrees were conferred by the Board of Trustees at Commencement, June 18, 1867:

D. D.

Rev. John V. N. Talmage, Rev. J. Romeyn Berry,
Rev. Victor M. Hulbert, Rev. Richard H. Steele,
Rev. John Mason Ferris, Rev. Cornelius Eltinge Crispell.

A. M.

John J. Anderson.

A. B.

Robert Millikin, Esq.

At the meeting of the Board of Trustees, Oct. 9, 1867:

D. D.

Rev. John Van Liew.

ALUMNI ASSOCIATION.

OFFICERS FOR 1868.

PRESIDENT,

J. W. SCHERMERHORN, ESQ.

VICE-PRESIDENT,

REV. DAVID COLE, D. D.

SECRETARY,

REV. JOHN L. SEE, D. D.

CURATOR,

HENRY R. BALDWIN, M. D.

ORATOR,

GEN. GEORGE H. SHARPE, *Primarius.*

R. VAN DYKE, M. D., *Secundus.*

NECROLOGIST,

REV. DAVID COLE, D. D.

Any persons who can give information concerning deceased graduates are requested to communicate with Dr. Cole at "Yonkers, Westchester County, New York."

CALENDAR.

1867.

June 19th—Commencement.....Wednesday.

SUMMER VACATION.

Sept. 20th—First Session begins.....Friday.

Dec. 18th—First Session ends.....Wednesday.

1868. WINTER VACATION.

Jan. 3d—Second Session begins.....Friday.

Feb. 22d—Sophomore Exhibition.....Friday.

April 1st—Second Session ends.....Wednesday.

SPRING VACATION.

April 9th—Third Session begins.....Thursday.

May 18th, 19th—Senior Examination and Examination for Prizes.....Monday and Tuesday.

June 8th—Examination of Lower Classes begins.....Monday.

June 14th—Baccalaureate Sermon by the President before the Graduating Class.....Sunday.

June 13th, 15th, 16th—Examination for Admission, Saturday, Monday, Tuesday.

June 15th—Anniversary Exercises of the Scientific School.....Monday Afternoon.

June 15th—Anniversary of the Nat. Hist. Society...Monday Afternoon.

June 16th—Address before the Literary Societies.....Tuesday, 12 M.

June 16th—Address before the Alumni.....Tuesday, 3 P. M.

June 16th—Junior Exhibition.....Tuesday Evening.

June 17th—Commencement.....Wednesday.

SUMMER VACATION.

Sept. 22d—First Session begins.....Tuesday.

Sept 22d, 23d—Examination for Admission...Tuesday and Wednesday.

Dec. 23d—First Session ends.....Wednesday.

1869. WINTER VACATION.

Jan. 7th—Second Session begins.....Thursday.

Rutgers College Grammar School.

Rev. DE WITT TEN BROECK REILEY, A. M., Rector.

The Academical year of this Institution will commence on Monday, September 7th, 1868, and will continue forty weeks. It will consist of three Sessions: the first from September 7th, 1868, sixteen weeks; the second, from January 7th, 1869, thirteen weeks; the third, from April 10th, eleven weeks. There will be two public examinations: one at the end of the first session, the other at the close of the year.

No pains are spared in this School to have its Course of Instruction thorough, and its Government satisfactory, and to secure to the pupils the fullest preparation necessary for entrance into College, or engagement in business pursuits.

It is under the inspection of the Faculty and the control of the Board of Trustees of the College.

A class for entering College at the close of the year will be formed at the beginning of the first Session. For entering this class pupils will be strictly examined as to their various attainments, and none will be admitted subsequently without an additional examination on the studies passed over by the class.

Board may be had in private families at moderate prices. All boarding pupils are under the special care of the Rector.

TERMS:

TUITION—COMMON ENGLISH BRANCHES, $10 00 per quarter of ten weeks.
HIGHER ENGLISH, ... 12 00 "
LATIN, INCLUDING THE ABOVE, 15 00 "
GREEK, INCLUDING THE ABOVE, 17 00 "
INCIDENTALS, ... 50 per session.

The Tuition to be paid at the beginning of each Session, in sums proportioned to the length of the Session. No deduction for absence, unless occasioned by protracted sickness; and no extra charges, except for Modern Languages.

A form of bequest is appended, in hopes that the friends of education will remember the College, and aid the earnest efforts of its friends, to make it as widely and largely useful as possible. As long as it continues to prosper and enlarge, an increase of funds will be needed.

The form of the bequest can be altered according as the testator desires to have his bequest applied—to "Increase the Library of Rutgers College," the "Philosophical Apparatus of Rutgers College" or the "Endowment of the Grammar School of Rutgers College, located at New Brunswick, N. J."

Bequest.

I give and bequeath unto the Trustees of Rutgers College in New Jersey,.....Dollars, for the maintenance and support of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey,.....Dollars, to increase the Library of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey,.....Dollars to increase the Philosophical Apparatus of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New Jersey,.....Dollars, for the endowment of the Grammar School of said College.

R97

1912

Catalogue

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1868-9.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1868-9.

Founded A. D. 1770.

NEWARK:
PRINTED AT THE DAILY ADVERTISER OFFICE.

1869.

TRUSTEES.

EX OFFICIO.

His Excellency MARCUS L. WARD, Newark,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton,
Chief-Justice of the State of New Jersey.

Hon. GEORGE W. ROBESON, Camden,
Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCE.	DATE OF ELECTION.
Rev. WILLIAM H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
WILLIAM VAN DEURSEN, M.D.,	New Brunswick,	Nov. 14, 1823
Rev. JAMES B. HARDENBERGH, D.D.,	New York City,	Dec. 5, 1825
Hon. PETER D. VROOM, LL.D.,	Trenton,	July 15, 1828
Hon. A. BRUYN HASBROUCK, LL.D.,	Kingston, N. Y.	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. THOMAS E VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. PETER VREDENBURG,	Freehold,	July 24, 1849
Rev. ISAAC N. WYCKOFF, D.D.,	Albany, N. Y.,	July 22, 1851
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. FRED. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
J. ROMEYN BRODHEAD, LL.D.,	New York City,	April 12, 1853

NAMES.	RESIDENCE.	DATE OF ELECTION.
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Poughkeepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July, 27, 1853
JAMES SUYDAM, Esq.,	New York City,	Sept. 27, 1853
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	Ithaca, N. Y.,	June 29, 1858
JOSEPH P. BRADLEY, LL.D.,	Newark,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N. Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
EDWARD S. BRAYTON, Esq.,	Utica, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Hon. A. O. ZABRISKIE, LL.D.,	Jersey City,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Poughkeepsie, N. Y.,	Apr. 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board,*
New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer,*
Office—39 Albany Street, New Brunswick.

PHILIP A. SCHMIDT, *Janitor.*

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,

(PRESIDENT.)

THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, PH.D., LL.D.,

(VICE-PRESIDENT,)

Professor of Chemistry, Natural History and Agriculture.

REV. DEWITT TEN BROECK REILEY, A. M.,

Professor of the Latin Language and Literature, and Rector of the Grammar School.

DAVID MURRAY, A. M., PH.D.,

Professor of Mathematics, Natural Philosophy and Astronomy.

REV, THEODORE SANDFORD DOOLITTLE, A. M.,

COLLEGIATE CHURCH *Professor of Rhetoric, Logic and Mental Philosophy.*

REV. JACOB COOPER, PH.D.,

Professor of the Greek Language and Literature.

COL. JOSIAH HOLCOMB KELLOGG,

BREVET-MAJOR UNITED STATES ARMY.

Professor of Engineering and Military Superintendent.

JOHN CONOVER SMOCK, A. M.,
Professor Elect of Mining and Metallurgy.

GEORGE W. ATHERTON, A. M.,
VOORHEES *Professor of History, Political Economy and Constitutional Law.*

FRANCIS CUYLER VAN DYCK, A. M.,
Tutor in Chemistry.

ISAAC EDGAR HASBROUCK, A. M.,
Tutor in Latin and Mathematics.

EDWARD ALBERT BOWSER, B. S.,
Tutor in Engineering and Mathematics.

REV. DEWITT TEN BROECK REILEY, A. M.,
Librarian.

ISAAC E. HASBROECK, A. M.
Assistant-Librarian.

JOSEPH P. BRADLEY, LL.D.,
OF NEWARK, N. J.,
Will give a course of Lectures during the present year on the History of the English Bible.

CLASSICAL DEPARTMENT.

Catalogue of Students during Year ending January 1, 1869.

Senior Class.

Ἀνδριζώμεθα.

NAMES.	RESIDENCES.	ROOMS.
MARTIN BÄHLER,	Rochester, N. Y.,	44 Hertzog Hall.
JOHN BERDAN,	Paterson,	
EDGAR BERGEN,	Flatlands, L. I., N.Y.,	78 George St.
EDWARD WARREN CLARK,	Albany, N. Y.,	9 Hertzog Hall.
ROBERT DOIG,	Guttenberg,	24 Hertzog Hall.
THEODORE DOUGLAS FRAZEE,	Bound Brook,	49 Somerset St.
WILLIAM ELLIOTT GRIFFIS,	Philadelphia, Pa.,	56 Church St.
JOHN HART,	Richboro, Pa.,	20 Hertzog Hall.
EBENEZER PLATT JOHNSON,	Upper Red Hook, N.Y.	
CHARLES LUMAN KNAPP,	Lowville, N. Y.,	59 Schureman St.
GEORGE WARNE LABAW,	Harlingen,	78 George St.
EDWARD LODEWICK,	Castleton, N. Y.,	25 Hertzog Hall.
ROBERT CLARENCE PRUYN,	Albany, N. Y.,	2 Hertzog Hall.
EDWARD DWIGHT SHEPARD,	Hudson, N. Y.,	38 Hertzog Hall.
NICHOLAS TERHUNE,	Paterson,	78 Bayard St.
WILLIAM LITTLE TERHUNE,	Matawan,	149 George St.
MOTT BEDELL VAIL,	New Brunswick,	74 Carroll Place.
JOHN TALMAGE VAN CLEEF,	Jersey City,	58 Albany St.

Junior Class.

Εὔσκοποι και εὔστοχοι.

NAMES.	RESIDENCES.	ROOMS.
Asher Anderson,	Montrose, N. Y.,	49 Hertzog Hall.
Luther Barton,	Dayton,	Dayton.
James Bishop,	New Brunswick.	
Edward Brayton,	Utica, N. Y.	
Frederick Alexander Canfield,	Dover,	56 Church St.
John Gardner Cortelyou,	Harlingen,	22 Hertzog Hall.
H. Garrett Voorhees DeHart,	New Brunswick.	
Willitt Denike, Jr.,	Rahway.	
Clinton Dewitt,	New Brunswick.	
Thomas Barron Edgar,	Woodbridge.	
Geo. Griswold Frelinghuysen,	Newark,	Newark.
George Rem Garretson,	Jersey City,	27 Hertzog Hall.
Alexander Johnson,	Chillicothe, Ill.,	57 Albany St.
Charles Ketcham Jones,	New Brunswick,	55 Church St.
John Ring Kaley,	Albany, N. Y.,	45 Schureman St.
Luther Laflin Kellogg,	New York City,	56 Church St.
David Mulford Knickerbocker,	Hudson, N. Y.,	38 Hertzog Hall.
Calvin Edward Lasher,	Germantown, N. Y.,	3 Hertzog Hall.
John Hodge Leupp,	New Brunswick,	59 Albany St.
John Frederick McLaury,	Delhi, N. Y.,	Cold Spring.
Nicholas Pearse,	Lishas Kill, N. Y.,	26 Hertzog Hall.
Richard Augustus Pearse,	Lishas Kill, N. Y.,	26 Hertzog Hall.
Jacob Wyckoff Schenck,	New Brunswick,	74 Bayard St.
Levi Morgan Strong,	Watervliet Centre, N. Y.	
Graham Taylor,	Newark,	49 Hertzog Hall.
Charles Brainerd Thomas,	San Francisco, Cal.	
Thomas Markley Trego,	New Bal'm'e, N.Y.,	46 Hertzog Hall.
Abraham Van Horn,	Lafayette,	Bergen P. O.
James Cronkhite Weston,	New Brunswick,	Bellevue.

Sophomore Class.

Διὰ πονεῖν ἐυτυχεῖν.

NAMES.	RESIDENCES.	ROOMS.
Aaron William Benson,	Grovernor's Corners, N.Y.,	40 H.Hall.
George Berdine,	New Brunswick.	
John Woodruff Conklin,	Boonton,	67 Church St.
John Lane Connet,	Flemington,	15 Hertzog Hall.
Ezra Doane DeLamater,	Hudson, N. Y.,	67 Church St.
Joseph Fischer,	New Brunswick,	Livingston Ave.
Haley Fisk,	New Brunswick,	18 George St.
James Cortelyou Garretson,	New Brunswick,	20 Neilson St.
James Edward Graham,	Berne, N. Y.,	13 Hertzog Hall.
Andrew Hageman,	Readington,	15 Hertzog Hall.
Willis Horton Harder,	Kinderhook, N. Y.	
William James Hill,	Portglenone, Ireland,	37 Hertz.Hall.
John Hora Jackson,	Rahway.	
Ananias Lawrence,	Milltown,	Milltown.
William Hulit Lawrence,	Keyport,	30 Schureman St.
Rodolph Crocheron Oakley,	Rahway,	Rahway.
George Edgar Pace,	East Millstone,	East Millstone.
H. Ten Broeck Von Romondt,	New Brunswick,	118 George St.
Walter William Schell,	Rhinebeck, N. Y.	
William Newton Todd,	Lebanon,	14 Hertzog Hall.
Charles Francis Van Inwegen,	Port Jervis, N. Y.,	153 George St.
Willard Penfield Voorhees,	New Brunswick,	4 Livingston Ave.
Alexander Henry Weir,	New Brunswick.	
William Wirt Wendover,	Kinderhook, N. Y.,	153 George St.
Edwin Bleecker Williamson,	New York City,	35 Schureman St.
John Henry Wyckoff,	New Brunswick,	48 Schureman St.

Freshman Class.

Οὐδὲν ἀδύνατον τῷ θέλοντι.

NAMES.	RESIDENCES.	ROOMS.
Andrew Watson Baird,	Lysander, N. Y.,	16 Hertzog Hall.
John D. Burnett,	Tyre, N. Y.,	55 Albany St.
Thomas Clemens,	Millstone,	45 Hertzog Hall.
Jas. Schureman Nevius Demarest,	New Brunswick,	Seminary Place.
Charles Arndt Dunham,	New Brunswick,	47 Neilson St.
William H. Hoffman,	High Bridge,	25 New St.
John Alexander Koones,	New York City,	55 Albany St.
George Hall Large,	White House,	153 George St.
William James Leggett,	Hudson, N. Y.,	47 Hertzog Hall.
Benjamin Cory Miller, Jr.,	Newark,	Newark.
George Adam Ries,	Coytesville,	46 Hertzog Hall.
Henry Scott Rokenbaugh,	New York City,	79 George St.
Frederick William Ruhl,	Albany, N. Y.,	23 Hertzog Hall.
Louis John Ryerson,	Bloomingdale,	56 Church St.
John W. Ryley,	New Brunswick,	Agnovia.
Charles Henry Steele,	New Brunswick,	106 George St.
George Henry Stevens,	Albany, N. Y.,	153 George St.
Edward Woodbridge Strong,	New Brunswick,	Hamilton St.
John Reade Stuyvesant,	Po'keepsie, N. Y.,	51 Hertzog Hall.
John Alfred Van Neste,	Griggstown,	45 Hertzog Hall.
Charles Wharton,	Newark,	Newark.
Martin Nevius Wyckoff,	Middlebush,	Middlebush.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

	RESIDENCES.	TERM EXPIRES.
FIRST CONGRESSIONAL DISTRICT.		
JAMES M. MECUM, Esq.,	Salem,	April 12, 1873.
JONATHAN INGHAM, Esq.,	Salem,	April 12, 1871.
SECOND CONGRESSIONAL DISTRICT.		
Hon. WM. H. HENDRICKSON,	Middletown,	April 12, 1873.
Hon. WILLIAM PARRY,	Cinnaminson,	April 12, 1872.
THIRD CONGRESSIONAL DISTRICT.		
Hon. JAMES BISHOP,	New Brunswick,	April 12, 1871.
Rev. D. KERR FREEMAN,	Belvidere,	April 12, 1870.
FOURTH CONGRESSIONAL DISTRICT.		
Rev. ROBERT L. DASHIELL, D. D.,	Orange,	April 12, 1869.
JOHN COOKE, Esq.,	Paterson,	April 12, 1870.
FIFTH CONGRESSIONAL DISTRICT.		
CORNELIUS VAN VORST, Esq.,	Jersey City,	April 12, 1869.
SETH BOYDEN, Esq.,	Newark,	April 12, 1872.

OFFICERS.

Hon. WM. H. HENDRICKSON, *Chairman.*
Hon. WILLIAM PARRY, *Secretary.*

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D. D., LL.D.,
PRESIDENT.

GEORGE H. COOK, PH.D., LL.D.,
Professor of Chemistry, Natural History and Agriculture.

DAVID MURRAY, A.M., PH.D.,
Professor of Mathematics, Natural Philosophy and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, A.M.,
Professor of Rhetoric, Logic and Mental Philosophy.

COL. JOSIAH HOLCOMB KELLOGG,
BREVET-MAJOR UNITED STATES ARMY.
Professor of Engineering and Military Superintendent.

JOHN CONOVER SMOCK, A.M.,
Professor Elect of Mining and Metallurgy.

GEORGE W. ATHERTON, A.M.,
Professor of History, Political Economy and Constitutional Law.

FRANCIS CUYLER VAN DYCK, A.M.
Tutor in Chemistry.

ISAAC EDGAR HASBROUCK, A.B.,
Tutor in Mathematics.

EDWARD A. BOWSER, B. S.,
Tutor in Engineering and Mathematics.

STUDENTS,

During the Year ending January 1, 1869.

First Class.

Toujours prêt.

NAMES.	RESIDENCES.	ROOMS.
SYMMES BERGEN,	Princeton.	
NATHANIEL BOARD,	Pompton,	55 Albany St.
SIMEON EASTLACK BUCKNALL,	New Brunswick,	College Ave.
SPENCER HOUGHTON CONE,	Voorhees' Station.	
HOLMES VAN MATER DENNIS,	Marlboro,	57 Albany St.
JOSHUA DOUGHTY, JR.,	Somerville,	57 Albany St.
J. RIDGWAY FELL,	Trenton,	Trenton.
CORNELIUS WYCKOFF GARRETSON,	New Brunswick.	
HARRY CLAY FREESE,	Trenton.	
THOMAS MURRAY,	South River.	
ROBERT HENDERSON ROBERTSON,	Philadelphia, Pa.	
EDWARD SEALY,	Madison,	78 Bayard St.
GEORGE CLARENCE TOWLE,	East Brunswick.	
AUGUSTUS VANDERVEER,	Rocky Hill,	Rocky Hill.
WILLIAM AUGUSTUS VAN MATER,	Holmdel,	57 Albany St.
ABRAM DEHART VOORHEES,	Six-Mile Run,	62 Church St.

Second Class.

Das Wesen, nicht den Schein!

NAMES.	RESIDENCES.	ROOMS.
Benj. Rosevelt Kissam Burke,	Somerville,	57 Albany St.
William Clark,	Matawan,	86 Bayard St.
William Grant Cook, Jr.,	Trenton.	
John Stanley Ferguson,	New Brunswick,	Livingston Ave.
Edwin Field,	Middletown,	78 Bayard St.
Louis Gordon Hanna,	Rahway,	Rahway.
Charles Chauncy Haven, Jr.,	Trenton,	Trenton.
Harry Crockett Ives,	Newark,	Newark.
Taro Kusakabe,	Achizen, Japan,	62 Church St.
John Dunham Martin,	New Brunswick,	75 Church St.
George Edward Sealy,	Newark,	Newark.
Edward Francis Stanton,	Rahway,	Rahway.
John Van Cleef Voorhees,	Six-Mile Run.	
Douwe Ditmars Williamson,	New Brunswick,	College Ave.

Third Class.

Niemals rückwärts!

NAMES.	RESIDENCES.	ROOMS.
James Kennedy Barton,	Dayton,	Dayton.
Abram Cross Denman,	Newark,	Newark.
Thomas Augustus Devan,	New Brunswick,	51 Somerset St.
Stephen George Gano,	Centreville,	76 Bayard St.
Winfield Scott Lasher,	Germantown, N. Y.,	78 Bayard St.
James Rush Marshall,	Bound Brook,	Bound Brook.
Zun Zow Matsmulla,	Satsuma, Japan,	49 Schureman St.
Charles Williams Merritt,	Piscataway,	Piscataway.
John Anderson Miller, Jr.,	Newark,	Newark.
John Wesley Iwoske Nagai,	Satsuma, Japan,	49 Somerset St.
Rodman McCamly Price, Jr.,	Ramsey's,	79 George St.
Charles Lansing Pruyn,	Albany, N. Y.,	2 Hertzog Hall.
Ko Zo Soogiwoora,	Satsuma, Japan,	55 Albany St.
Otis Comfort Tiffany,	New Brunswick,	60 Bayard St.
Walton Cuyler Tiffany,	Poughkeepsie, N. Y.,	60 Bayard St.
Joseph Ward, Jr.,	Newark,	Newark.
Silas Ebenezer Weir, Jr.,	New Brunswick.	

RECAPITULATION.

NEW JERSEY,	94
NEW YORK,	38
PENNSYLVANIA,	3
CALIFORNIA,	1
ILLINOIS,	1
IRELAND,	1
JAPAN,	4
TOTAL,	142

SUMMARY.

Classical Department.

SENIORS,	18
JUNIORS,	29
SOPHOMORES,	26
FRESHMEN,	22

Scientific Department.

FIRST CLASS,	16
SECOND CLASS,	14
THIRD CLASS,	17
TOTAL,	142

RUTGERS COLLEGE.

THIS institution was chartered under the name of Queens College, on the 20th day of March, 1770. *It will therefore celebrate its centennial anniversary in* 1870. It was founded, according to its charter, "for the education of youth in the learned languages, liberal and useful arts and sciences, and especially in divinity and other good offices."

Its first president was Rev. Dr. Jacob R. Hardenbergh, a distinguished divine of the Reformed Church; and among its first graduates was Simeon DeWitt, who became widely known as Surveyor-General of the United States. Notwithstanding some interruptions occasioned by the Revolutionary war, and the presence of British troops in New Brunswick, the College continued in operation down to the year 1795, when its exercises were suspended and its very existence threatened. But in 1807 an arrangement was made, by which Dr. John H. Livingston, who held the position of Theological Professor under the General Synod, should also become the President of Queens College. In 1809, the substantial building which now adorns the Campus was begun.

But the College was not yet established on a permanent basis: after struggling a few years with pecuniary embarrassments, its exercises were in 1816 again suspended. It was however revived once more in 1825, at which time Rev. Dr. Philip Milledoler was chosen President, and the name of Queens College gave place to that of Rutgers College, in honor of Col. Henry Rutgers, who had contributed to its funds. From 1840 to 1850, Hon. Abram Bruyn Hasbrouck served as President, and from 1850 to 1861, Hon. Theodore Frelinghuysen. After the lamented death of the latter, owing to the insufficient endowment and the consequent financial embarrassment, a serious crisis seemed to be again impending in the affairs of the College. But the Church, whose fostering care had already

been so conspicuous came to the rescue, and by the most praiseworthy liberality established it on a sound and enduring basis.

In 1866, the Scientific Department of Rutgers College was opened, under the name of the Rutgers Scientific School; and the Legislature of the State of New Jersey has designated this School as the State "College for the benefit of Agriculture and the Mechanic Arts," in conformity with the Agricultural College Land Bill of the Congress of the United States.

Under the contract entered into between the State and the Trustees of the College, the Trustees agree to educate free of expense for tuition, a number of State pupils apportioned among the counties according to their population.

In 1867 the late Abraham Voorhees, of Six-mile Run, by his will endowed a Professorship in Rutgers College, which the Trustees have established and designated as the Voorhees Professorship of History, Political Economy and Constitutional Law. Professor George W. Atherton, from the Illinois Industrial University, has been appointed to this Professorship, and enters upon his duties at the beginning of the winter term. Mr. Voorhees also left by his will a fund to the Trustees of the College to aid in the education of young men for the ministry.

The arrangement of the courses of study and the organization of the classes are in two departments: I. The Classical Department, and II. The Scientific Department.

I. CLASSICAL DEPARTMENT.

1. Conditions for Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to College will be held on Saturday, Monday and Tuesday, June 19, 21 and 22, before commencement, beginning at 9 o'clock A. M., in the President's room. All who can do so are requested to present themselves on Saturday. Applicants for admission may also be examined on Monday and Tuesday, September 20 and 21, at the same hour and place.

Students will be received to an advanced class, provided they sustain a satisfactory examination upon the subjects previously studied by the class, as well as those required for admission to the Freshman Class. Under this regulation students are admitted at any time during the College year.

Students who desire to pursue particular branches of study, are allowed to do so, if properly prepared in such branches to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following is a list of the subjects on which those desiring admission at the beginning of the Freshman year are examined:

LATIN.

Andrews & Stoddard's, or Harkness' Grammar.

Fischer's Manual of Latin Grammar and Composition—First part.

Cæsar's Gallic War.

Two Books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian Law, for the poet Archias, and for King Deiotarus.

The class entering September 1869, will use Harkness' Grammar.

GREEK.

Hadley's Greek Grammar.
Whiton's, or Crosby's Greek Lessons.
Xenophon's Anabasis—three books.
Arnold's First Greek Book, entire.
Homer's Iliad—one book.
Prosody.

ENGLISH AND MATHEMATICS.

Arithmetic complete.
Algebra to Quadratic Equations.
Plane Geometry—three books.
Ancient and Modern Geography.
English Grammar and Spelling.

In Latin and Greek, a full equivalent to what is stated above will be received.

2. Suggestions in regard to preparation.

LATIN.

In preparing in Latin the student should give much more attention to the prose than to the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended both to teacher and student. This book has better references to the standard Grammars of Harkness and Andrews, than any American edition of the Latin Authors. It contains as much of Caesar, Sallust and Cicero as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION. It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION. The system followed is the Continental, as given in

Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATION.—The examination is conducted in writing.

GREEK.

The examination will be

I. Upon the Grammar.

Hadley's Grammar is used in the College, and its use is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including both accent and quantity.

II. Upon Arnold's First Greek book (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation.

In pronouncing Prose the written accent must be followed. In Poetry strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

MATHEMATICS.

In Arithmetic and Algebra the student should not only master the *principles* but acquire the *art* of the several processes. This is best done by solving many examples. To solve many easy examples is more profitable than a few difficult ones. Especial attention is requested to Common and Decimal Fractions, and to Square and Cube Root.

Loomis' work, or the American editions of Legendre, are the best textbooks for preparation in Geometry.

ENGLISH GRAMMAR AND GEOGRAPHY.

A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is examined in spelling, and reading and punctuation. Ancient Geography should be studied in connection with the classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

Freshman Class.

FIRST TERM.

1. LATIN—Cicero de Amicitia, Fischer's Manual of Composition.
2. GREEK—Xenophon's Memorabilia (two books), Arnold's Greek Prose Composition, Hadley's Greek Grammar, written translations from Greek into English.
3. MATHEMATICS—Loomis' Algebra from Quadratic Equations.
4. NATURAL HISTORY—Physiology, Lectures.
5. ELOCUTION—Lectures with practical exercises.
6. BIBLICAL RECITATIONS.

SECOND TERM.

1. LATIN—Lioy, Fischer's Manual of Composition, Mythology (Eschenberg).
2. GREEK—Iliad or Odyssey (three books), Greek Prose Composition, Greek Grammar, Written Translations, Ancient Geography (Putz and Arnold).
3. MATHEMATICS—Loomis' Algebra completed, Loomis' Geometry, from Book IV.
4. NATURAL HISTORY—Zoology, Agassiz and Gould.
5. HISTORY—With Written Essays.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

THIRD TERM.

1. LATIN—Cicero De Officiis, Fischer's Manual of Composition.
2. GREEK—Felton's Greek Historians, Prose Composition, Ancient Chronology (Eschenberg).
3. MATHEMATICS—Loomis' Geometry completed.
4. NATURAL HISTORY—Botany.
5. HISTORY—With Written Essays.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

Sophomore Class.

FIRST TERM.

1. LATIN—Tacitus, Latin Composition.
2. GREEK—Felton's Greek Historians, Prose Composition, Written Translations.
3. MATHEMATICS—Conic Sections (Loomis).
4. HISTORY—With Written Essays.
5. RHETORIC—Day's Rhetoric and Lectures.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

SECOND TERM.

1. LATIN—Plautus, Horace, Latin Composition.
2. GREEK—Demosthenes on the Crown, Written Translations, Greek Composition, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Trigonometry.
4. HISTORY—With Written Essays.
5. ENGLISH LITERATURE—Shaw's Manual.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

THIRD TERM.

1. LATIN—Quintilian, Latin Composition.
2. GREEK—Aristophanes' Clouds, Written Translations, Prose Composition, Greek Antiquities.
3. MATHEMATICS—Surveying with Field Practice.
4. CHEMISTRY—Introduction to Chemistry and Physics.
5. RHETORIC—Day's Rhetoric and Lectures.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

Junior Class.

FIRST TERM.

1. NATURAL PHILOSOPHY—Silliman's Physics and Lectures.
2. CHEMISTRY—Lectures on Inorganic Chemistry.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology, and Sir William Hamilton's Metaphysics.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. MATHEMATICS—Loomis' Analytical Geometry.
 3. FRENCH.

SECOND TERM.

1. NATURAL PHILOSOPHY—Silliman's Physics and Lectures.
2. CHEMISTRY—Lectures on Inorganic Chemistry and Mineralogy.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology, and Sir William Hamilton's Metaphysics and Lectures.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK.
 2. MATHEMATICS—Loomis' Calculus.
 3. FRENCH.

THIRD TERM.

1. ASTRONOMY—Loomis' Treatise on Astronomy.
2. CHEMISTRY—Lectures on Technology.
3. HISTORY—Modern History with Lectures.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. MECHANICS—Bartlett's Analytical Mechanics.
 3. FRENCH.

Senior Class.

FIRST TERM.

1. CHEMISTRY—Lectures on Organic Chemistry.
2. POLITICAL ECONOMY—Text Book and Lectures.
3. MORAL PHILOSOPHY—Wayland and Hopkins; Lectures.
4. BIBLICAL RECITATIONS.
5. ELOCUTION.
6. HEBREW—Extra.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK.
 2. ASTRONOMY—Practical Astronomy with use of instruments.
 3 MODERN LANGUAGES—French or German.

SECOND TERM.

1. CHEMISTRY—Lectures on Chemical Physics.
2. POLITICAL ECONOMY—Text Book and Lectures.
3. MORAL PHILOSOPHY—Butler's Analogy.
4. BIBLICAL RECITATIONS.
5. ELOCUTION.
6. HEBREW—Extra.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. Latin.
 2. GEODESY—Lectures.
 3. LOGIC—Thompson; Lectures, Essays.
 4. MODERN LANGUAGES.

THIRD TERM.

1. GEOLOGY—Lectures, Geological Excursion.
2. ARCHITECTURE—Lectures.
3. CONSTITUTIONAL LAW.
4. MORAL PHILOSOPHY—Butler's Analogy.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.
7. HEBREW—Extra.
8. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK.
 2. LOGIC – Lectures
 3. MODERN LANGUAGES.

3. Remarks on the Course of Study.

In arranging the above schedule of studies, an attempt has been made to assign to each of the branches of Learning in the schedule something like its due amount of time, and its proper order of succession. This has been done on the presumption that the greater number of those who pursue the course of study in the Classical Department, will enter some one of the learned professions, or if not, are still desirous of the same kind and quality of culture. The general theory of the arrangement is that up to the close of Sophomore year, all the studies should be obligatory, and of such a character as would be equally desirable whatever subsequent profession or career was chosen; and that during the Junior and Senior years there should be certain subjects required of all students, while in regard to others there should be an election depending upon the future intentions of the student.

LANGUAGES.

LATIN.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition is continually required of the student.

GREEK.—The Classical Greek authors are read during the Freshman and Sophomore year, but during the subsequent years, a portion of the time is specially devoted to the study of the Greek Testament, and to giving a familiarity with it sufficient to read it with fluency.

FRENCH AND GERMAN, are studied during the Senior year: and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors.

HEBREW.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive

Geometry, is optional, and it is so arranged that students desiring an extended course in higher Mathematics, can pursue it in connection with the Classes of the Scientific Department. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations.

RHETORIC AND METAPHYSICS.

ELOCUTION.—During the first term of the Freshman year lectures are delivered on the general principles of Elocution. And a practical application of these principles is made by appropriate exercises in reading and Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshmen and Sophomores use selected pieces, and the Juniors and Seniors are required to deliver original orations.

ENGLISH LANGUAGE AND LITERATURE.—These subjects are taught by a text book, in connection with a course of lectures which are delivered to the Sophomore Class.

RHETORIC is begun in the second term of the Sophomore year, in order that the student may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

MENTAL PHILOSOPHY.—Hickok's Empirical Psychology and Hamilton's Metaphysics, are the guide-books in this department. But neither is implicitly followed. The aim is rather to arouse the student, by a diligent comparison of different authors, to investigate the open questions of Philosophy independently, and thus to train him to a comprehensive and cautious deliberation, as well in adopting the conclusions of others, as in forming and advancing his own. As opportunity offers, lectures upon important topics are interspersed through the course.

LOGIC.—In connection with the use of Thompson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

TEXT BOOKS AND BOOKS OF REFERENCE.

Mandeville's Elements of Reading and Oratory.
Traverner's Lectures on Elocution.
Russell's Elements of Vocal Culture.
Frobisher's Culture of the Voice and Action.
Rush on the Voice.
Quintilian's Institutes of Oratory.
Cicero on Oratory and Orators.
Theremin's Rhetoric.
Whateley's Rhetoric.
Blair's Rhetoric.
Bascom's Rhetoric.
Shedd's Sacred Rhetoric.
Spencer on Style.
Beautin's Art of Extempore Speaking.
Day's Art of Discourse.
Craik's English Language and Literature.
Marsh's Lectures on the English Language.
Marsh's Lectures on English Language and Early Literature.
Spalding's History of English Literature.
Cleveland's Compendium of English Literature.
Cleveland's English Literature of Nineteenth Century.
Max Müller's Lectures on the Science of Language.
Gould's Good English.
Fowler's English Language.
Hamilton's Lectures on Metaphysics.
Hamilton's Discussions on Philosophy and Literature.
Dugald Stewart's Works.
Reid's Works.
McCosh's Works.
Hickok's Empirical Psychology.
Hickok's Rational Psychology.
Mills' Review of Hamilton.
Upham's Mental Philosophy.
Abercrombie's Intellectual Philosophy.
Morell's History of Modern Philosophy.
Schwegler's History of Philosophy.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This department is under the care of the Voorhees Professor, who enters upon his duties at the beginning of the Second Term. His course will begin in the Freshman year with History, which will be continued into the Sophomore year. The study of these subjects is resumed again in the last term of the Junior year, and is continued through the Senior. The course will consist of a study of text-books, with lectures and the writing of essays.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues through the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year. A weekly lecture is also delivered to the members of the Junior and Senior classes. These Lectures are designed to compose a four years' course on Biblical Criticism, Biblical Interpretation, the Historical Introduction to the books of the Bible, and the classification and consideration of the chief difficulties of the Old and New Testaments.

II. SCIENTIFIC DEPARTMENT.

Rutgers Scientific School.

This department of the College, organized by the Trustees to meet the demand for scientific and practical education, has been designated by the Legislature of New Jersey, under act of Congress,

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

In consideration of the income derived from the Agricultural College Land Endowment, and paid to the Trustees of Rutgers College, they receive into this department of the College, and educate free of expense for tuition a certain number of students from the State of New Jersey. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent for Schools in each county. They are distributed among the counties in proportion to their population as follows:

Atlantic	1	Middlesex	2
Bergen	1	Monmouth	2
Burlington	3	Morris	2
Camden	2	Ocean	1
Cape May	1	Passaic	2
Cumberland	1	Salem	1
Essex	6	Somerset	1
Gloucester	1	Sussex	1
Hudson	4	Union	2
Hunterdon	2	Warren	2
Mercer	2		40

In addition to the State pupils, the Scientific School receives all students from the State of New Jersey and other States who may desire and are prepared to pursue its course of study.

The course of study extends through three years, and includes a thorough education in Civil Engineering, Chemistry and Agriculture, Technology and Metallurgy, History, Political Economy, Mental and Moral Philosophy.

1. Conditions for Admission.

Every applicant for admission must be sixteen years of age, and must submit to the President testimonials of a good moral character. If an applicant for a State scholarship he must also present to the President the certificate from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz., on Saturday, Monday and Tuesday preceding commencement, June 19th, 21st and 22d, beginning at 9 o'clock A. M., in the President's room. Applicants for admission may also be examined on Monday and Tuesday, September 20th and 21st, at the same hour and place.

Students may also enter an advanced class either at the beginning of the College year or at other times, on condition they pass an examination both on the preliminary studies and on those passed over by the class.

Provision is made for such students as wish to pursue special branches in the Institution; provided only they are fitted by previous preparation to go on with the classes in their studies.

The following are the subjects on which those desiring to enter the lowest class of the Scientific Department are examined:

1. Arithmetic complete.
2. Algebra to Quadratic Equations.
3. Plane Geometry—three books.
4. English Grammar—including Spelling.
5. Descriptive Geography.
6. Physical Geography.

2. Courses of Study.

Two distinct courses of study are included in the Schedule which follows: I. A Course in Civil Engineering and Mechanics; II. A Course in Chemistry and Agriculture. During the first year and the first term of the second year the studies of the two courses are the same. During the remainder of the time the subjects of Higher Mathematics and Mechanics and Engineering in the Engineering Course are replaced by Analytical Chemistry, practice in the Laboratory and Agriculture, in the other. The remaining subjects the students of both courses pursue together.

COURSE OF STUDY.

First Year.

FIRST TERM.

1. Loomis' Algebra from Quadratic Equations.
2. Loomis' Geometry, from Book IV.
3. Draughting, Construction of Problems.
4. Lectures on Physiology.
5. Principles of Elocution and exercises in Composition and Declamation.
6. French.

SECOND TERM.

1. Loomis' Algebra finished, and Geometry finished.
2. Trigonometry, plane and spherical.
3. Geometrical Draughting.
4. Agassiz and Gould's Zoology.
5. History and exercises in Composition and Declamation.
6. French.

THIRD TERM.

1. Surveying, with field exercises.
2. Descriptive Geometry (Church).
3. Elements of Botany.
4. History, and exercises in Composition and Declamation.
5. Draughting.
6. French.

Second Year.

FIRST TERM.

1. Analytical Geometry—Loomis, with additional notes on three dimensions.
2. Levelling and Railroad Curves.
3. Shades, Shadows and Perspective.
4. Elements of Chemistry and Mineralogy.
5. Mental Philosophy, Exercises in Composition and Declamation.
6. German.

SECOND TERM.

1. Differential and Integral Calculus.
2. Physics and General Chemistry.
3. Shades, Shadows and Perspective, Construction of Problems.
4. Mental Philosophy, Exercises in Composition and Declamation.
5. German.
6. Studies for the students in Chemistry and Agriculture.
 1. Analytical Chemistry and practice in the Laboratory.

THIRD TERM.

1. Mechanics (Bartlett's Analytical) begun.
2. Optics and Acoustics (Bartlett's).
3. History.
4. German.
5. Studies for the students in Chemistry and Agriculture.
 1. Analytical Chemistry.
 2. Astronomy.

Third Year.

FIRST TERM.

1. Bartlett's Mechanics—finished.
2. Mahan's Civil Engineering.
3. Political Economy.
4. Moral Philosophy.
5. Studies for the students in Chemistry and Agriculture.
 1. Mining and Metallurgy.
 2. Principles of Agriculture and Farm Accounts.

SECOND TERM.

1. Mahan's Civil Engineering.
2. Stone Cutting.
3. Geodesy and Practical Astronomy.
4. Political Economy.
5. Studies for the students in Chemistry and Agriculture.
 2. Chemistry and Laboratory Practice.
 3. Agriculture—its methods and products.

THIRD TERM.

1. Mahan's Civil Engineering—Preparing Thesis.
2. Geology—Lectures, Geological Excursion.
3. Architecture—Lectures.
4. Military Engineering.
5. Constitutional Law.
6. Studies for the students in Chemistry and Agriculture.
 1. Horticulture, etc.—Preparing Thesis.

3. Remarks on the Course of Study.

In the literary exercises of this Department in Composition and Declamation, and in other exercises when it is possible, the students pursue them in connection with the students of the Classical Department.

The course of studies for the first year in this Department is arranged so as to be complete in itself. It is arranged so as to meet the wants of those who cannot take the entire three years' course, but who desire to fit themselves as Land Surveyors.

Special students are received to pursue any part of the above course, and provision is made for them, especially in chemistry in the Laboratory, and in mathematics and surveying.

In accordance with the requirements of the Law, the students in this Department are regularly drilled in Military Tactics by the Military Superintendent, Col. Kellogg. Arms and accoutrements for this purpose are furnished by the Quarter-Master-General of the State.

EXAMINATIONS.

The examinations of the classes in both departments take place at the end of each term. They are conducted in part orally and in part in writing, and have an important bearing upon the standing of the student in his class.

At the end of the first and third term the examinations of the classes of the Scientific School are held in the presence of the Board of Visitors, who make their semi annual visits to the institution at that time.

At the examination at the end of the third term each member of the Graduating Class of the Scientific School shall read before the Board of Visitors a thesis on some scientific subject, a copy of which shall be written out and deposited in the Library of the College.

The final examination of the Senior Class is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

GRADUATION.

On the Sabbath before Commencement Day the President preaches before the Graduating Classes his Baccalaureate Sermon in the College Chapel.

To all members of the Graduating Class of the Classical Department in full and regular standing the Trustees grant diplomas confirming the Academic Degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas confirming the Academic Degree of Bachelor of Science.

To all members of the Graduating Classes, in either department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

The members of the Graduating Classes, appointed to that duty by the Faculty will deliver orations on Commencement Day.

REGULATIONS.

1. The recitation hours extend from 9 o'clock A. M. to 1 o'clock P. M., during five days of the week.
2. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8:40 o'clock.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9:30 o'clock, which all Students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10:30 o'clock. Students are required to be present, and also to attend public worship in the afternoon or evening at such places as their parents or guardians may direct.
5. No Student is allowed to leave the city during the terms without permission from the President.
6. No Student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No Student shall visit bar-rooms, drinking-saloons or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the Student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one-third of the term.
9. If the grade of a Student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of a Student in any term fall below one half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any Student in any term shall fall below one-half of the maximum grade on all his studies, he shall be dismissed from College.
12. If any Student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.
13. When a Student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such Student of the fact. When he has received eight more marks of like character, a second notice shall be sent the parent and the Student admonished by the President. When twenty-four are recorded against him, he shall be dismissed from the College.

COLLEGE EXPENSES.

FEES IN THE CLASSICAL DEPARTMENT.

Tuition per annum, ...	$60.00
Incidental Expenses per annum, . . .	8.00
Admission Fee, ...	5.00
Graduation Fee, ...	7.50

FEES IN THE SCIENTIFIC DEPARTMENT.

Tuition per annum, ...	$75.00
Incidental Expenses per annum, . . .	8.00
Admission Fee, ...	5.00
Graduation Fee, ...	7.50

Of the above expenses the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees one-third is payable at the beginning of each term, viz., $20 in the Classical, and $25 in the Scientific Department.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and the use of apparatus.

BOARD.

Board with furnished rooms can be obtained in New Brunswick at the present time for $4 to $6 per week; board without rooms for $3 to $5 per week. These prices do not include light or fuel. Students having the ministry in view can obtain rooms at Hertzog Hall, on the same terms as the students in the Theological Seminary, viz., at an expense of $34 per annum, payable one-half at the beginning of the first term and one-half at the beginning of the second term. The rooms are heated but not lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs students are able to reduce somewhat their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This fund, the gift of Rev. Elias Van Benschoten in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefit of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually. One hundred and twenty-five clergymen have been educated on this fund.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlborough, N. J., left by his will to the Trustees of Rutgers College the sum of $500 to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-mile Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the Counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendent for schools. The appointment gives the *right* to a course of instruction of three years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some evangelical church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., of New Brunswick, N. J.

8. Rooms in Peter Hertzog Hall.

Such rooms in the Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

EDUCATIONAL INCENTIVES.

1. Suydam Prize for Composition.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library, before he can receive the prize.

Subject for 1869, What is Plagiarism?

Committee, Rev. H. D. GANSE,
Rev. J. H. SUYDAM,
JONATHAN DIXON, Esq.

2. Suydam Prize in Natural Science.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

Committee for 1869, JOSEPH B. LYMAN, Esq.,
T. B. MINER, Esq.,
WILLIAM H. STORRS, Esq.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize-man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject of the essay for 1869, Roman Oratory.

Subject of the examination for 1869, Cicero de Oratore, Book first.

Committee, Rev. JOHN L. SEE, D.D,
EDWIN A. PIERCE, A.M.,
Rev. CHESTER D. HARTRANFT.

4. Bradley Mathematical Prize.

This prize is given by Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed upon that student of the Senior Class, who shall have made the greatest proficiency in Mathematics.

Committee for 1869, ADMIRAL BELL,
EDWARD P. WATERBURY, ESQ.,
Rev. THOMAS HANLON.

5. Myron W. Smith Prizes.

These prizes are founded by Lyndon A. Smith, M. D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1869, H. W. Bookstaver, Esq.,
Rev. A. D. L. Jewett,
Anthony Dey, Esq.

6. Schermerhorn Prize for Composition.

This prize, the gift of J. W. Schermerhorn, A. M., consists of $25.00 worth of books at wholesale prices, selected by the recipient, and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1869, Elizabeth *vs.* Mary Queen of Scots.

Committee, G. V. N. Baldwin, Esq.,
D. A. Ryerson, Esq.,
John G. Floyd, Esq.

7. Prize for Mineralogy.

A prize consisting of 100 species of minerals, arranged and assorted in a case, was offered to the member of the graduating class in 1868, in the Scientific School, who should be able to identify and name the largest number of them. The same offer is renewed to the graduating class of 1869.

8. Thesis Prizes.

Two prizes of books, whose value shall not be less than $15 and $10, respectively, were offered in 1868 for the best and second best thesis of the graduating class of the Scientific School. The same offer is renewed for the graduating class of 1869.

9. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclian Literary Societies, who deliver original speeches at an exhibition held on the Tuesday Evening preceding Commencement. The selection is made by the faculty and is based upon relative excellence as writers and speakers.

10. Commencement Honors.

The four members of the Senior Class standing highest in grade of scholarship, and ranked according to their relative standing, are appointed to deliver at Commencement the four following special orations:

1. The Valedictory.
2. The Latin Salutatory.
3. The English Salutatory.
4. The Philosophical Oration.

The appointments are based upon the records of scholarship kept during the successive terms of the College course.

11. Reports of Scholarship.

At the close of each term reports of the scholarship maintained during the term in each subject, are made up from the records and transmitted to the Parents or Guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least 50 is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

EDUCATIONAL APPLIANCES.

1. Libraries.

The Library of the College is open for consultation from 3 to 4:30 P.M. on Friday of each week. The collection of books, although entirely inadequate to the wants of the institution, is yet of great value. An effort is now being made, attended with encouraging success, to increase the Library and make it more worthy of the institution.

The Literary Societies of the College are each supplied with valuable and increasing libraries, which are available to the members, under their regulations.

2. Museum.

The collections in the Museum are rapidly increasing, and contain, especially in the departments of Mineralogy and Palæontology, specimens which are rare and some which are unique. The want of sufficient room prevents the proper arrangement and display of the specimens, and many remain in their boxes unopened for this cause.

The Museum has received valuable donations during the past year:

From Samuel B. Scheifflin, Esq., of New York, and Dr. Charles H. Voorhees, of New Brunswick, valuable coins.

From Professor Jacob S. Mosher, M. D., of Albany Medical College, and a member of the class of 1856, *a perfect unarticulated human skeleton.*

From Dr. N. Roe Bradner, of Warwick, N. Y., and a student of the class of 1866, *an unarticulated skeleton of a Florida alligator.*

The late James B. Laing, Esq., of Kinderhook, N. Y., has by his will bequeathed his entire collection of minerals, medals, coins and curiosities to Rutgers College. It is valued at from $5,000 to $10,000, and when received will prove an acceptable addition to the educational appliances of the College.

3. Apparatus.

The College possesses an excellent working collection of Philosophical and Chemical Apparatus, by which the subjects of experimental science can be illustrated.

4. Laboratory.

For students in Analytical Chemistry a working Laboratory, fully equipped, is provided. The actual manipulations in blowpipe analysis and qualitative and quantitative analysis, are here practically taught to the students.

5. Observatory.

For illustrating the principles and methods of Astronomy the College furnishes suitable facilities in the Daniel S. Schanck Observatory. It is provided with the following apparatus:

1. An Equatorial Telescope, made by Fitz of New York, and presented by Hon. Robert H. Pruyn, of Albany.

2. A Meridian Circle, made by Stackpole & Brother of New York, and presented by Rev. G. S. Schanck, and his two brothers.

3. An Astronomical Clock of the best quality, made by Bond, of Boston, and presented by John Clark, Esq., of New Brunswick.

4. A Mean-Time Clock, made by Howard & Co., of Boston, and given by the Peithessophian Society of Rutgers College.

4. A Reflecting Circle, made by Stackpole & Brother of New York, and presented by the Philoclian Society of Rutgers College.

6. A Self-Registering Barometer, invented by Prof. G. W. Hough, and given by James B. Fry, Esq., of Newark.

7. A Reflecting Telescope, eight feet in length.

6. College Farm.

A farm of ninety-four acres is owned by the College, and is designed to illustrate the principles and methods of Agriculture in connection with the agricultural students of the Scientific School. The most approved methods of culture are employed, and opportunities of witnessing the trial of new agricultural implements are frequently furnished.

7. Literary Societies.

Voluntary associations for declamation, debate, and other literary exercises are maintained by the students, and hold weekly sessions. They possess valuable libraries, and furnish important auxiliaries to the student in extemporaneous and prepared oratory. The Peithessophian Society was founded in 1825, and the Philoclian later in the same year. An oration is pronounced before these Societies each year at Commencement.

WANTS OF THE COLLEGE.

1. Additional accommodations for the Grammar School.

Every seat and room in the present building is filled, and the demand is pressing for more accommodations. Room for 200 students is an absolute necessity. Ten thousand dollars are needed to effect the enlargement of the building which the Trustees propose. The Grammar School is now the great feeder for the College, and to ensure the success of the latter no way is better than to encourage and enlarge the former. A high standard of scholarship in preparation in the Grammar School will ensure a high standard in College.

2. A Geological Hall.

We have cabinets of valuable minerals stowed away in boxes for the want of the room to arrange them in suitable cases. In a suitable hall a Museum could be displayed of minerals, fossils, specimens of Natural History, and curiosities, which would do honor to the College. Who will give $30,000 to $40,000 for this object?

3. The Professorship of Mining, etc.

We want $30,000 to endow this professorship to which John C. Smock, Esq., a graduate of Rutgers College, and the able Assistant Geologist of the State of New Jersey, has been elected. Mr. Smock will pursue his studies in Europe till September, 1870, when he will enter upon his duties in Rutgers College. Let the endowment be ready.

4. Enlargement of the Library.

The Library of the College is wholly inadequate for the wants of the Professors and Students, and must have large additions of standard and modern works. Let every alumnus and friend of the College give himself no rest till he has done his part in remedying this defect.

REGISTER.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, FEB. 21, 1868.

LIST OF CONTESTANTS AND PRIZE-MEN.

WILLET DENIKE, JR.,	Rahway, N. J.,	*First Prize.*
GEORGE R. GARRETSON,	Jersey City, N. J.,	*Second Prize.*
ASHER ANDERSON,	Flatlands, L. I.	
JOHN G. CORTELYOU,	Harlingen, N. J.	
CHARLES K. JONES,	Brooklyn, N. Y.	
L. LAFLIN KELLOGG,	Saugerties, N. Y.	
JOHN F. MCLAURY,	Delhi, N. Y.	
GRAHAM TAYLOR,	New Brunswick, N. J.	

2. Junior Exhibition.

ORATORS FOR 1868.

Peithessophian Society.

THEODORE D. FRAZEE, Elizabeth, N. J.	Self Sacrifice.
JOHN HART, Richboro, Pa.	Influence of the Past.
WILLIAM L. TERHUNE, Matawan, N. J.	A Nation's Ingratitude.
JOHN T. VAN CLEEF, Jersey City, N. J.	Tyranny.

Philoclian Society.

WILLIAM ELLIOT GRIFFIS, Phila., Pa.	Loyalty to Law.
CHARLES L. KNAPP, Lowville, N. Y.	Self—A Nation's Destroyer.
ROBERT C. PRUYN, Albany, N. Y.	Utility.
EDWARD D. SHEPARD, Hudson, N. Y.	Reform.

3. Graduating Exercises.

BACHELORS OF ARTS, 1868—ORATIONS.

Edward Cady Thomas, San Francisco, Cal.	Valedictory.
Vernon B. Carroll, Williamsburg, N.Y.	Latin Salutatory.
Frederick Frelinghuysen, Newark, N.J.	English Salutatory.
Royal Seymour Smith, Waterloo, N. J.	Philosophical Oration.
P. G. Maximilian Bahler, Albany, N. Y.	Necessity of Trials.
Edward Benedict, Pleasantville, N. Y.	Wealth and Self.
Arthur Crosby, Poughkeepsie, N. Y.	The Right.
William E. Davis, Guilderland Cen., N.Y.	Party Spirit.
Herbert A. Drake, Hopewell.	General Welfare.
Coert Dubois, Hudson, N. Y.	Love of Praise.
Molton Hooks Forrest, New York City	Singleness of Purpose.
Archibald Mercer, Newark, N. J.	Courage.
William Henry Rankin, Newark, N. J.	Power of Music.
Thomas M. Strong, Ithaca, N. Y.	Perseverance, not Accident.
Alex. Joseph Swift, New Brunswick, N.J.	What is the Use?
Daniel Talmage, Jr., Brooklyn, L. I.	Progress of Art.
Gouverneur R. Vroom, Trenton, N. J.	Political Science.
Van Rensselaer Weston, N. Brunswick.	The Goal attained.

BACHELORS OF SCIENCE, 1868—THESES.

Charles Barnes, Poughkeepsie, N. Y.	Progress of Astronomy.
Edward A. Bowser, Brooklyn, N. Y.	Schools of Science.
Garretson Hageman, Middlebush, N. J.	Light.
George D. Howell, Shiloh, N. J.	Instability of the Land.
William E. Kelly, New Brunswick, N. J.	The Steam Engine.
Edward C. Pearson, Elizabeth, N. J.	Physical Constitution of Matter.
Floyd M. Vanderoef, Florida, N. Y.	Mineralogy.

PRIZES AWARDED.

Brodhead Prize for Classics,	Van Rensselaer Weston.
Suydam Prize for Natural Science,	Herbert A. Drake.
Suydam Prize for Composition,	Vernon B. Carroll.
Bradley Prize for Mathematics,	Edward Benedict.
Prize for Mineralogy,	Floyd M. Vanderoef.
Prize for best Thesis,	Edward A. Bowser.
Prize for second best Thesis,	William E. Kelly.
Schermerhorn Prize for Composition,	William E. Griffis.
Myron W. Smith Prize for Oratory, best,	Willet Denike, Jr.
Myron W. Smith Prize for Oratory, 2d best,	George R. Garretson.

MASTER'S ORATION.

Rev. John Knox Allen, . . . Hoboken, N. J.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James Le Fevre.
1855—Isaac L. Kip.
1856—George V. N. Baldwin.
1856—Silas D. Scudder.
1857—Jas. W. Schermerhorn,
1857—Benjamin C. Sears.
1858—Robert O. Currie, Jr.
1859—T. Sandford Doolittle.
1860—Dupuytren Vermilye.
1861—William P. Mesick.
1862—Francis A. Horton.
1863—William Smith.
1864—William H. Leupp, Jr.
1865—William H. DeHart.
1866—John G. Van Slyke.
1867—Peter Labagh Vanderveer.
1868—Vernon B. Carroll.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.
1855—Milton A. Fowler.
1856—Josiah Jansen.
1857—D. Ten Broeck Reiley.
1858—John B. Drury.
1859—William Cornell.
1860—Dupuytren Vermilye.
1861———————.
1862—Abram Q. Garretson.
1863—Joseph M. Dixon.
1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter Labagh Vanderveer.
1868—Herbert A. Drake.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain,
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin Chalmers Nevius.
1868—Edward Benedict.

MYRON W SMITH PRIZES.

	First Prize.	*Second Prize.*
1866	Archibald Mercer.	Vernon Bond Carroll.
1867	John Talmage Van Cleef.	William Elliot Griffis.
1868	Willet Denike, Jr.	George R. Garretson.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas,
1868—William Elliot Griffis.

5. Honorary Degrees.

DOCTOR OF DIVINITY.

June 17, 1868. Rev. Hugh Hamill, Lawrenceville, N. J.
" Rev. Ransom B. Welch, Professor in Union College, Schenectady, N. Y.
" Rev. John A. Todd, Tarrytown, N. Y.
" Rev. Theodore B. Romeyn, Hackensack, N. J.

DOCTOR OF LAWS.

" Hon. Ezra Cornell, Ithaca, N. Y., founder of the Cornell University.

6. Alumni Association.

OFFICERS FOR THE YEAR 1868-9.

Rev. Anson Dubois, D. D.,	Schenectady, N. Y.,	President.
Rev. Nathaniel Conklin,	Montville, N. J.,	Vice-President.
Rev. John L. See, D. D.,	New Brunswick, N. J.,	Secretary.
Henry R. Baldwin, M. D.,	New Brunswick, N. J.,	Curator.
Rev. David Cole, D. D.,	Yonkers, N. Y.,	Orator, Primarius.
Rev. J. G. Johnson,	Upper Red Hook, N. Y.,	Orator, Secundus.
Rev. David Cole, D. D.,	Yonkers, N. Y.,	Necrologist.

Any person who can give information concerning deceased graduates are requested to communicate with Dr. Cole.

NECROLOGY.

REV. SAMUEL B. HOW, D.D.

Dr. How, a Trustee of this College, and distinguished among its friends and benefactors, died in the city of New Brunswick, March 1, 1868.

He was born October 14, 1790, in the city of Burlington, N. J. Having resolved to obtain an education he prepared for and entered the University of Pennsylvania, from which he graduated in 1811. He served for a time as tutor in Dickinson College, and was offered the Professorship of Languages in the same institution. He graduated at the Princeton Theological Seminary, in its first class, and was licensed to preach by the Presbytery of Philadelphia in 1813. He was settled as pastor at Salisbury, now Lambertville, in 1814; at Trenton in 1816; at New Brunswick, in the First Presbyterian Church in 1821, and at Savannah in 1823. He was chosen President of Dickinson College in 1830, but resigned his place in 1832 to accept the pastorate of the First

Reformed Church in New Brunswick. He held this position, beloved by his people, and by the entire community, till in 1862, ill health compelled him to resign.

He was elected a Trustee of Rutgers College in 1833, and continued its fast friend and efficient supporter till his death. He was a finished scholar, and a learned theologian, as his printed discourses fully evince.

Hon. JACOB R. WORTENDYKE.

Hon. Jacob R. Wortendyke, died at Jersey City, November 7, 1868, after an illness of two days.

Mr. Wortendyke was born in Pascack, Bergen County, N. J., Nov. 27, 1818, was prepared for College by Rev. Isaac D. Cole, at Tappentown, Mr. A. Dockron at Paterson, and by his own Pastor, Rev. John Manly, now of New Brunswick. He entered the Junior Class at Rutgers College in 1837 and graduated in 1839. He taught school successively at Pierpont, Saddle River, Hackensack and Spring Valley, until in 1850 he entered the law office of A. O. Zabriskie, at Jersey City. He was admitted as attorney in 1853, and as Counsellor in 1860. He was elected Alderman of Jersey City in 1856, and in November of the same year was elected to the Thirty-fifth Congress, in which he served two years. He was President of the Board of Water Commissioners, President of a Savings Bank, President of the Riparian Commission, and at the time of his death was with Ex.-Gov. Olden, and Ex-Gov. Haines, a commissioner to appraise the value of the State Interest in the Harsimus Cove Property.

He was elected a Trustee of Rutgers College in 1862, and was one of the original Board of Managers of the New Jersey Geological Survey. He was an active member and officer of the Reformed Church, and served as a member of several of its Ecclesiastical Boards and Judicatories.

In the execution of all these duties and trusts Mr. Wortendyke was distinguished for fidelity, discretion and efficiency. His intelligent services to the cause of education, religion and human progress, will cause him to be remembered among the most distinguished of the Alumni of Rutgers College.

Hon. HENRY BROADHEAD, Jr.

Judge Broadhead died in the village of Kingston, N. Y., October 18, 1868.

He was born in the year 1817, near Ellenville in Ulster County, N. Y., and was therefore at the time of his death 51 years of age. He graduated in the year 1840 at Rutgers College, in the class after Mr. Wortendyke's. He commenced the practice of law in 1844, in Ellenville, but on being elected Surrogate of Ulster County, he removed to Kingston in 1851, where he continued afterward to reside. In 1859 he was elected County Judge in which office he served four years. He also became President of the State of New York Bank in 1862, and held this position at the time of his death. He had an extensive practice in his profession, especially in will cases and the settlement of estates. He was unmarried. His professional industry and his excellent financial judgment had served him in accumulating a considerable property. His professional skill, and his sterling integrity made him universally esteemed and universally regretted.

THOMAS S. EVANS.

Thomas S. Evans died at Santa Fé, Argentine Republic, October 4, 1868.

He was born in New Brunswick about the year 1820, and graduated at Rutgers College in 1839, in the same class with Mr. Wortendyke. He studied law in the office of the late Hon. Littleton Kirkpatrick. Possessed of more than ordinary talents, with superior literary taste and culture, he could have reached a high position in his native land. But the spirit of enterprise led him to South America, when he hoped, as many of his countrymen have done, to advance his fortunes and connect his name with honorable enterprises. His death has prevented the full realization of his plans; but Mr. Evans will be long and kindly remembered by his large circle of friends both in his native and his adopted land.

CALENDAR.

1868–9.

1868.	June 17.	Wednesday. Commencement. Vacation.
"	September 22.	Tuesday. First Session begins.
"	December 23.	Wednesday. First Session ends. Vacation.
1869.	January 7.	Thursday. Second Session begins.
"	February 22.	Monday. Sophomore Exhibition.
"	April 7.	Wednesday. Second Session ends. Vacation.
"	April 15.	Thursday. Third Session begins.
"	May 24, 25.	Monday and Tuesday. Senior Examinations.
"	June 20.	Sunday. Baccalaureate Sermon by the President.
"	June 19, 21, 22.	Saturday, Monday, Tuesday. Examinations for admission.
"	June 22.	Tuesday, 12 M. Address before the Literary Societies.
"	June 22.	Tuesday, 3 P. M. Address before the Alumni.
"	June 22.	Tuesday Evening. Junior Exhibition.
"	June 23.	Wednesday. Commencement. Vacation.
"	September 20.	Monday. First Session begins.
"	Sept. 20, 21.	Monday and Tuesday. Examinations for admission.
"	December 22.	Wednesday. First Session ends. Vacation.
1870.	January 5.	Thursday. Second Session begins.

RUTGERS COLLEGE GRAMMAR SCHOOL.

Rev. DeWITT TEN BROECK REILEY, A. M., Rector.
R. I. WOODRUFF, Principal.

Location.

This institution is located in New Brunswick on the avenue adjoining the Campus of Rutgers College. It is in close proximity to good boarding-houses, play-grounds, etc., and is within two minutes walk of the railroad depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, while they come daily to New Brunswick at the hours of recitation.

The pupils who board in town are under the care of the Rector, who gives personal attention to their conduct and comfort in the houses where they board. For the purpose of furnishing more ample accommodations for boarding pupils, and of providing them with the care and oversight which they require, the Rector has purchased an extensive dwelling and grounds within a few minutes' walk of the Grammar School. The grounds contain eight acres of land, and the dwelling is large and convenient. This will be opened for boarding pupils at the beginning of the academic year, in September 1869, and will be in the immediate charge of the Rector. It will have the advantages of a healthy location, delightful play-grounds, and the seclusion necessary for study.

Before the opening of the next academic year it is designed also to make improvements and enlargements in the Grammar School Building, which will adapt it to the increased number of pupils, and to the advancing demands of education.

Grading and Studies.

This school is graded into five classes, and the course extends through five years. Boys of twelve years of age are admitted into the lowest, but scholars are admitted into the school at any time, and are assigned

to the classes for which they are qualified. The instruction given to the two lowest classes is such as is necessary to every one who would acquire a sound EDUCATION. After leaving the fourth class, each scholar chooses the Classical or the Business Course. In the former are three classes, through which he passes in order to enter College.

In the *Business Course*, there are two classes, the instruction in which is intended to furnish the best practical knowledge of business that is possible to obtain in the time allowed, and thus fit the student for active commercial life. The scholar who finishes the Business Course, is also ready to enter the Scientific Department of the College.

In the rudimentary branches of Reading, Writing, Spelling, Grammar and Arithmetic, the effort is made to ensure a thorough drilling. Geography is taught with the aid of globes, maps and map-drawing. Declamation and Composition are regular exercises in all the classes.

In addition to the elementary studies, the members of the Business Classes receive instruction in Book-keeping, Commercial Law, History, Physiology, Natural History, Constitution of the United States, Natural Philosophy and the German Language. Special attention is devoted to Natural Science, which is made available even to the lower classes, by lectures on Technology, Natural History and other cognate branches. German and French are both taught to the classes, the former without extra charge.

In the classes preparing for College all the means which experienced teachers have been able to devise are employed to impart sound scholarship. The character of the Classical course in the institution is indicated by the standing in College of those who have been prepared in it. By drilling in Grammar, by written and free translations, by the study of Mythology, Ancient Geography and History, the pupil is advanced at the same time in a knowledge of the languages, and of the literature and philosophy of the classic ages.

In Mathematics the College class is carried through six books of Plane Geometry, and to Quadratic Equations in Algebra. They have also the benefit of lectures on Natural History and instruction in collecting and classifying specimens.

Two public examinations of all the classes in the school is held during the year, the first at the end of the first session, and the second at the end of the year. In addition to these, semi-monthly examinations are held in the studies of the classes.

Attendance.

The hours of attendance are from 8.30 A. M. to 1.30 P. M.; during which there is a recess of fifteen minutes. For absence, tardiness or failures in recitations, written excuses are expected from parents or guardians. PUNCTUALITY is required not merely because necessary to all school progress, but as an invaluable habit in life.

The school year begins September 7, 1868, and closes June 23, 1869. Recesses are allowed on general public holidays and during Christmas week.

Terms.

TUITION.—English Branches,	.	$13 per quarter of ten weeks.
Latin, including the above,	.	15 " "
Greek, " "	.	17 " "
Incidentals,	. .	1 per session.

The tuition is to be paid at the beginning of each session, in sums proportioned to the length of the session. No deduction for absence, unless occasioned by protracted sickness. There is no extra charge except for French.

R9-7

Catalogue

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1869-70.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1869–70.

Founded A. D. 1770.

NEW BRUNSWICK, N. J.:
TERHUNE & VAN ANGLEN, PRINTERS,
No. 81 Albany Street.

1869.

TRUSTEES.

EX OFFICIO.

His Excellency, Theodore F. Randolph, Morristown,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL. D., Trenton,
Chief-Justice of the State of New Jersey.

Hon. ROBERT GILCHRIST, Jersey City,
Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WILLIAM H. CAMPBELL, D.D. LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
WILLIAM VAN DEURSEN, M.D.,	New Brunswick,	Nov. 14, 1823
Rev. JAMES B. HARDENBERGH, D.D.	New York City,	Dec. 5, 1825
Hon. PETER D. VROOM, LL.D.	Trenton,	July 15, 1828
Hon. A. BRUYN HASBROUCK, LL.D.	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.	Newark,	July 22, 1845
Rev. THOMAS E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. PETER VREDENBURG,	Freehold,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. FRED. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
J. ROMEYN BRODHEAD, LL.D.,	New York City,	April 12, 1853

NAMES.	RESIDENCES.	DATE OF ELECTION.
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Poughkeepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July 27, 1853
JAMES SUYDAM, Esq.,	New York City,	Sept. 27, 1853
PETER S. DURYEE, Esq.	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D. D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	Ithaca, N. Y.,	June 29, 1858
JOSEPH P. BRADLEY, LL.D.,	Newark,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N. Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
EDWARD S. BRAYTON, Esq.,	Utica, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Hon. A. O. ZABRISKIE, LL.D.,	Jersey City,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Poughkeepsie, N. Y.,	Apr. 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	Jnne 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Albany, N. Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N. Y.,	April 14. 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board.*
New Brunswick.

JOHN C. ELMENDORF, Esq. *Treasurer,*
Office—39 Albany Street, New Brunswick.

PHILIP A. SCHMIDT, *Janitor.*

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT.)

THEODORE FRELINGHUYSEN, *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,
(VICE-PRESIDENT.)
Professor of Chemistry, Natural History and Agriculture.

REV. DEWITT TEN BROECK REILEY, A. M.,
Professor of the Latin Language and Literature, and Rector of the Grammar School.

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Professor of Mathematics, Natural Philosophy and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, A. M.,
COLLEGIATE CHURCH *Professor of Rhetoric, Logic and Mental Philosophy.*

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Professor of the Greek Language and Literature.

COL. JOSIAH HOLCOMB KELLOGG,
BREVET-MAJOR UNITED STATES ARMY.
Professor of Engineering and Military Superintendent.

JOHN CONOVER SMOCK, A. M.,
Professor Elect of Mining and Metallurgy.

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VOORHEES *Professor of History, Political Economy and Constitutional Law.*

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A. M.,
Tutor in Chemistry.

ISAAC EDWARD HASBROUCK, A. M.,
Tutor in Latin and Mathematics.

REV. DEWITT TEN BROECK REILEY, A. M.
Librarian.

ISAAC E. HASBROUCK, A. M.
Assistant-Librarian.

CLASSICAL DEPARTMENT.

Catalogue of Students during Year ending January 1, 1870.

Senior Class.

NAMES.	RESIDENCES.	ROOMS.
Asher Anderson,	Montrose, N. Y..	49 Hertzog Hall.
Luther Barton,	New Brunswick,	35 Carman St.
Frederick Alexander Canfield,	Dover,	56 Church St.
John Gardner Cortelyou,	Harlingen,	Left College.
Geo. Griswold Frelinghuysen,	Newark,	Newark.
George Rem Garretson,	Jersey City,	12 Hertzog Hall.
Alexander Johnson,	Chillicothe, Ill.,	56 Church St.
Charles Ketcham Jones,	New Brunswick,	Hamilton St.
John Ring Kaley,	Albany, N. Y.,	45 Schureman St.
Luther Laflin Kellogg,	New York City,	79 George St.
David Mulford Knickerbocker,	Hudson, N. Y.,	12 Hertzog Hall.
Calvin Edward Lasher,	Germantown, N. Y.,	3 Hertzog Hall.
John Hodge Leupp,	New Brunswick,	59 Albany St.
John Frederick McLaury,	Delhi, N. Y.,	24 Neilson St.
Nicholas Pearse,	Lishas Kill, N. Y.,	26 Hertzog Hall.
Richard Augustus Pearse,	Lishas Kill, N. Y.,	26 Hertzog Hall.
Jacob Wyckoff Schenck,	New Brunswick,	74 Bayard St.
Graham Taylor,	Newark.	49 Hertzog Hall.
Thomas Markley Trego,	New Baltim're, N. Y.,	153 George St.
Abraham Van Horn,	Lafayette,	Bergen P. O.
James Cronkhite Weston,	New Brunswick,	Bellevue.

Junior Class.

NAMES.	RESIDENCES.	ROOMS.
Aaron William Benson,	Grovernor's Corners, N.Y.	16 H. Hall.
George Berdine,	New Brunswick,	New Brunswick.
John Woodruff Conklin,	Boonton,	78 George St.
John Lane Connet,	Flemington,	Left College.
Ezra Doane DeLamater,	Hudson, N. Y.,	78 George St.
Joseph Fischer,	New Brunswick,	Livingston Ave.
Haley Fisk,	New Brunswick,	18 George St.
James Cortelyou Garretson,	New Brunswick,	56 Paterson St.
James Edward Graham,	Berne, N. Y.,	153 George St.
Andrew Hageman,	Readington,	1 Hertzog Hall.
William James Hill,	Portglenone, Ireland,	Left College.
Ananias Lawrence,	Milltown,	Milltown.
William Hulit Lawrence,	Trenton,	30 Schureman St.
Rodolph Crocheron Oakley,	Rahway,	Rahway.
George Edgar Pace,	East Millstone,	East Millstone.
H. Ten Broeck Von Romondt,	New Brunswick,	118 George St.
William Newton Todd,	Lebanon,	25 Hertzog Hall.
Charles Francis Van Inwegen,	Port Jervis, N. Y.,	153 George St.
Willard Penfield Voorhees,	New Brunswick,	4 Livingston Ave.
William Wirt Wendover,	Kinderhook, N. Y.,	153 George St.
Edwin Bleecker Williamson,	Newark,	2 Hertzog Hall.
John Henry Wyckoff,	New Brunswick,	48 Schureman St.

Sophomore Class.

NAMES.	RESIDENCES.	ROOMS.
Andrew Watson Baird,	Lysander, N. Y.,	Left College.
John D. Bennett,	Tyre, N. Y.,	Left College.
Thomas Clemens,	Millstone,	25 New St.
Jas. Schureman Nevius Demarest,	New Brunswick,	Seminary Place.
Charles Arndt Dunham,	New Brunswick,	47 Neilson St.
George S. Duryea,	Newark,	Newark.
Edward D. Gilmore,	West Point, N. Y.	25 New St.
William H. Hoffman,	High Bridge,	25 New St.
John Alexander Koones,	New York City.	
George Hall Large,	White House,	79 George St.
William James Leggett,	Hudson, N. Y.,	47 Hertzog Hall.
Benjamin Cory Miller, Jr.,	Newark,	Newark.
George Adam Ries,	Coytesville,	46 Hertzog Hall.
Henry Scott Rokenbaugh,	New York City,	79 George St.
Frederick William Ruhl,	Albany, N. Y.,	23 Hertzog Hall.
Louis John Ryerson,	Bloomingdale,	56 Church St.
John W. Ryley,	New Brunswick,	53 Hertzog Hall.
Charles Henry Steele,	New Brunswick,	106 George St.
George Henry Stevens,	Albany, N. Y.,	74 George St.
Edward Woodbridge Strong,	New Brunswick,	Hamilton St.
John Reade Stuyvesant,	Poughkeepsie, N. Y.,	Left College.
John Alfred Van Neste,	Griggstown,	25 New St.
Charles Wharton,	Newark,	Newark.
Martin Nevius Wyckoff,	Middlebush,	Middlebush.

Freshman Class.

NAMES.	RESIDENCES.	ROOMS.
Robert Adrain,	New Brunswick,	Somerset St.
Frederic Ernst Allen,	Madison,	26 Hertzog Hall.
Madison Monroe Ball,	Berné, N. Y.,	40 Hertzog Hall.
Herbert Boggs,	New Brunswick,	63 George St.
Fletcher Clark,	Albany, N. Y.,	1 Hertzog Hall.
George Hull Cleveland,	Brooklyn, N. Y.,	112 New St.
William W. Cook,	Richboro, Pa.,	Delavan St.
George Reiley Dixon,	Grahamville, N. Y.,	37 Hertzog Hall.
Charles Pierson Dorrance,	Freehold,	153 George St.
Joseph Alexander Harper,	New Brunswick,	112 New St.
Howard Harris,	Montclair,	46 Hertzog Hall.
Daniel Trimble Hawxhurst,	Marlboro,	112 New St.
Peter Huyssoon,	Paterson,	23 Hertzog Hall.
Garret Smock Jones,	Holmdel,	55 Albany St.
George Sharpe Knickerbocker,	Upper Red Hook, N. Y.,	38 H. Hall.
Bloomfield Littell.	Orange,	62 Church St.
Adrian Vanderveer Martense,	Flatbush, L. I.,	77 French St.
Abram Irving Martine,	Nyack Turnpike, N. Y.,	4 H. Hall.
William H. McKie,	Salem, N. Y.,	48 Hertzog Hall.
Charles H. Millspaugh,	Albany, N. Y.,	56 Church St.
Albert Dod Minor,	Glenville, N. Y.,	14 Hertzog Hall.
John H. C. Nevius,	Stuyvesant, N. Y.	26 Hertzog Hall.
William Henry Page,	New Brunswick,	17 Neilson St.
John DeWitt Peltz,	New Paltz, N. Y.,	Seminary Place.
Charles Wadsworth Pitcher,	South Branch,	15 Hertzog Hall.
Claudius Rockefeller,	Germantown, N. Y.,	37 Hertzog Hall
Isaac S. Schenck,	New Brunswick,	74 Bayard St.
Fitz Randolph Stewart,	Brooklyn, N. Y.,	55 Albany St.

NAMES.	RESIDENCES.	ROOMS.
Joseph W. Sutphen,	New Brunswick,	Neilson Ave.
Alexander Gulick Van Aken,	New Brunswick,	56 Church St.
Ira Van Allen,	Bethlehem Centre, N. Y.,	47 H. Hall.
S. Oakley Vanderpoel, Jr.,	Albany, N. Y.,	76 George St.
Jacob Van Fleet,	New Brunswick,	57 Church St.
Daniel Gilbert Van Mater,	Holmdel,	57 Albany St.
Peter V. Voorhees,	Six-mile Run,	Six-Mile Run.
Henry Weston, Jr.,	New Brunswick,	Bellevue.
George Sidney Willetts,	Philadelphia, Pa.,	20 Hertzog Hall.
Charles S. Wright,	New Utrecht, N. Y.,	46 Hertzog Hall.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

	RESIDENCES.	TERM EXPIRES.
FIRST CONGRESSIONAL DISTRICT.		
JAMES M. MECUM, Esq.,	Salem,	April 12, 1873.
JONATHAN INGHAM, Esq.,	Salem,	April 12, 1871.
SECOND CONGRESSIONAL DISTRICT.		
Hon. WM. H. HENDRICKSON,	Middletown,	April 12, 1873.
Hon. WILLIAM PARRY,	Cinnaminson,	April 12, 1872.
THIRD CONGRESSIONAL DISTRICT.		
Hon. JAMES BISHOP,	New Brunswick,	April 12, 1871.
Rev. D. KERR FREEMAN,	Belvidere,	April 12, 1870.
FOURTH CONGRESSIONAL DISTRICT.		
E. BOUDINOT COLT, Esq.,	Paterson,	April 12, 1870.
H. C. KELSEY, Esq.,	Newtown,	April 12, 1874.
FIFTH CONGRESSIONAL DISTRICT.		
FRANCIS D. HAWES, Esq.,	Newark,	April 12, 1874.
SETH BOYDEN, Esq.,	Newark,	April 12, 1872.

OFFICERS.

Hon. WM. H. HENDRICKSON, *Chairman.*
Hon. WILLIAM PARRY, *Secretary.*

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT.)

GEORGE H. COOK, LL.D.,
Professor of Chemistry, Natural History and Agriculture.

DAVID MURRAY, A. M., PH.D.,
Professor of Mathematics, Natural Philosophy and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, A. M.,
Professor of Rhetoric, Logic and Mental Philosophy.

COL. JOSIAH HOLCOMB KELLOGG,
BREVET-MAJOR UNITED STATES ARMY.
Professor of Engineering and Military Superintendent.

JOHN CONOVER SMOCK, A. M.,
Professor Elect of Mining and Metallurgy.

GEORGE W. ATHERTON, A. M.,
Professor of History, Political Economy and Constitutional Law.

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A. M.,
Tutor in Chemistry.

ISAAC EDGAR HASBROUCK, A. B.,
Tutor in Mathematics.

STUDENTS,

During the Year Ending January 1, 1870.

First Class.

NAMES.	RESIDENCES.	ROOMS.
Benj. Rosevelt Kissam Burke,	Somerville,	Left College.
William Clark,	Matawan,	56 Church St.
John Stanley Ferguson,	New Brunswick,	Livingston Ave.
Edwin Field,	Middletown,	Left College.
Louis Gordon Hanna,	Rahway,	Left College.
Charles Chauncy Haven, Jr.,	Trenton,	Trenton.
Harry Crockett Ives,	Newark,	Newark.
Taro Kusakabe,	Achizen, Japan,	62 Church St.
John Dunham Martin,	New Brunswick,	Left College.
George Edward Sealy,	Newark,	56 Church St.
Edward Francis Stanton,	Rahway.	
Douwe Ditmars Williamson,	New Bruuswick,	College Ave.

Second Class.

NAMES.	RESIDENCES.	ROOMS.
James Kennedy Barton,	New Brunswick,	35 Carman St.
Henry Herbert Cook,	Trenton,	Trenton.
Abram Cross Denman,	Newark,	Left College.
Thomas Augustus Devan,	New Brunswick,	Left College.
Stephen George Gano,	Centreville,	47 Hertzog Hall.
Winfield Scott Lasher,	Germantown, N.Y.,	47 Hertzog Hall.
James Rush Marshall,	Bound Brook,	Bound Brook.
Zun Zow Matsmulla,	Satsuma, Japan,	49 Schureman St.
Charles Williams Merritt,	Piscataway,	Piscataway.
John Anderson Miller, Jr.,	Newark,	Newark.
John Wesley Iwoske Nagai,	Satsuma, Japan,	Left College.
Rodman McCamly Price, Jr.,	Ramsey's,	Left College.
Charles Lansing Pruyn,	Albany, N. Y.,	2 Hertzog Hall.
Ko Zo Soogiwoora,	Satsuma, Japan,	Left College.
Otis Comfort Tiffany,	New Brunswick,	60 Bayard St.
Walton Cuyler Tiffany,	New Brunswick,	38 Hassert St.
Joseph Ward, Jr.,	Newark,	Newark.
Silas Ebenezer Weir, Jr.	New Brunswick,	1 Richardson St.

Third Class.

NAMES.	RESIDENCES.	ROOMS.
Edward Fuller Brooks,	Greenwich,	67 Church St.
Joseph Burroughs,	Trenton,	55 Albany St.
Albert Stanburrough Cook,	Montville,	67 Church St.
Jacob Bell Cornell,	Somerville,	Somerville.
Theo. Frelinghuysen Cornell,	Somerville,	Somerville.
Tunis G. Bergen Cortelyou,	Matawan,	57 Albany St.
Joseph Rose Dennis,	Newark,	Newark.
Charles Heath,	Newark,	Newark.
John W. Herbert, Jr.,	Marlboro,	57 Albany St
William Edward King,	Drakeville,	14 French St.
George Boardman Ogden,	Bridgeton,	67 Church St.
Frederic James Potter,	Rahway,	55 Albany St.
James Fitz Randolph,	Morristown,	86 Bayard St.
Daniel Dubois Smock,	Marlboro,	79 George St.
Charles H. Vannier,	Brooklyn, N. Y.,	57 Albany St.
Richard Lovell Williams,	Rahway,	Rahway.

RECAPITULATION.

NEW JERSEY,	98
NEW YORK,	45
PENNSYLVANIA,	2
ILLINOIS,	1
IRELAND,	1
JAPAN,	4
TOTAL,	151

SUMMARY.

Classical Department.

SENIORS,	21
JUNIORS,	22
SOPHOMORES,	24
FRESHMEN,	38

Scientific Department.

FIRST CLASS,	12
SECOND CLASS,	18
THIRD CLASS,	16
TOTAL,	151

CLASSICAL DEPARTMENT.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to College will be held on Saturday, Monday and Tuesday, June 18, 20 and 21, before commencement, beginning at 9 o'clock, A. M., in the President's room. All who can do so are requested to present themselves on Saturday. Applicants for admission may also be examined on Monday and Tuesday, September 19 and 20, at the same hour and place.

Students will be received to an advanced class, provided they sustain a satisfactory examination upon the subjects previously studied by the class, as well as those required for admission to the Freshman Class. Under this regulation students are admitted at any time during the College year.

Students who desire to pursue particular branches of study, are allowed to do so, if properly prepared in such branches to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following is a list of the subjects on which those desiring admission at the beginning of the Freshman year are examined:

LATIN.

Andrews & Stoddard's, or Harkness' Grammar.

Fischer's Manual of Latin Grammar and Composition—First part.

Cæsar's Gallic War.

Two Books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian Law, for the poet Archias, and for King Deiotarus.

GREEK.

Hadley's Greek Grammar.
Whiton's, or Crosby's Greek Lessons.
Xenophon's Anabasis—three books.
Arnold's First Greek Book, entire.
Homer's Iliad—one book.
Prosody.

ENGLISH AND MATHEMATICS.

Arithmetic complete.
Algebra to Quadratic Equations.
Plane Geometry—three books.
Ancient and Modern Geography.
English Grammar and Spelling.
History of the United States.
In Latin and Greek, a full equivalent to what is stated above will be received.

2. Suggestions in regard to preparation.

LATIN.

In preparing in Latin the student should give much more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended to both teacher and student. This book has better references to the standard Grammars of Harkness and Andrews, than any American edition of the Latin Authors. It contains as much of Cæsar, Sallust and Cicero as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION. The system followed is the Continental, as given in

Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATION.– The examination is conducted in writing.

GREEK.

The examination will be

I. Upon the Grammar.

Hadley's Grammar is used in the College, and its use is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including both accent and quantity.

II. Upon Arnold's First Greek book (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation.

In pronouncing Prose the written accent must be followed. In Poetry strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

MATHEMATICS.

In Arithmetic and Algebra the student should not only master the *principles* but acquire the *art* of the several processes. This is best done by solving many examples. To solve many easy examples is more profitable than a few difficult ones. Especial attention is requested to Common and Decimal Fractions, and to Square and Cube Root.

Loomis' work, or the American editions of Legendre, are the best textbooks for preparation in Geometry.

ENGLISH GRAMMAR AND GEOGRAPHY.

A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is examined in spelling, and reading and punctuation. Ancient Geography should be studied in connection with the classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

HISTORY OF THE UNITED STATES.

Candidates for admission will hereafter be examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation, and will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey, by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation, than to the particular book used.

Freshman Class.

FIRST TERM.

1. LATIN—Cicero de Amicitia, Fischer's Manual of Composition.
2. GREEK—Xenophon's Memorabilia, or Homer's Odyssey, Arnold's Greek Prose Composition, Hadley's Greek Grammar, written translations from Greek into English.
3. MATHEMATICS—Loomis' Algebra from Quadratic Equations.
4. NATURAL HISTORY—Physiology, Lectures.
5. ELOCUTION—Declamation.
6. BIBLICAL RECITATIONS.
7. RHETORIC—Haven's.

SECOND TERM.

1. LATIN—Livy, Fischer's Manual of Composition, Mythology (Eschenberg).
2. GREEK—Euripides' Alcestis, Greek Prose Composition, Greek Grammar, Written Translations.
3. MATHEMATICS—Loomis' Algebra completed, Loomis' Geometry, from Book IV.
4. NATURAL HISTORY—Zoology, Agassiz and Gould.
5. ANCIENT HISTORY—Smith's Greece, with Written Essays.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

THIRD TERM.

1. LATIN—Cicero de Officiis, Fischer's Manual of Composition.
2. GREEK—Felton's Greek Historians, Prose Composition, Written Translations, Ancient Chronology (Eschenberg).
3. MATHEMATICS—Loomis' Geometry completed.
4. NATURAL HISTORY—Botany.
5. ANCIENT HISTORY—Liddell's Rome, with Written Essays.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

Sophomore Class.

FIRST TERM.

1. LATIN—Tacitus, Latin Composition.
2. GREEK—Felton's Greek Historians, Prose Composition, Written Translations.
3. MATHEMATICS—Conic Sections (Loomis).
4. MODERN HISTORY—Student's Gibbon, with Written Essays.
5. BIBLICAL RECITATIONS.
6. ELOCUTION—Lectures, with practical exercises.

SECOND TERM.

1. LATIN—Plautus, Horace, Latin Composition.
2. GREEK—Demosthenes on the Crown, Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Trigonometry.
4. MODERN HISTORY—Student's Gibbon, with Written Essays.
5. ENGLISH LITERATURE—Shaw's Manual and Lectures.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

THIRD TERM.

1. LATIN—Quintilian, Latin Composition.
2. GREEK—Aristophanes' Clouds, Written Translations, Greek Antiquities, Lectures on Greek Literature.
3. MATHEMATICS—Surveying, with Field Practice.
4. CHEMISTRY—Introduction to Chemistry and Physics.
5. ENGLISH LITERATURE.
6. BIBLICAL RECITATIONS.
7. ELOCUTION.

Junior Class.

FIRST TERM.

1. NATURAL PHILOSOPHY—Silliman's Physics and Lectures.
2. CHEMISTRY—Lectures on Inorganic Chemi try.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology, and Hamilton's Metaphysics.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. MATHEMATICS—Loomis' Analytical Geometry.
 3. FRENCH.

SECOND TERM.

1. NATURAL PHILOSOPHY—Silliman's Physics and Lectures.
2. CHEMISTRY—Lectures on Inorganic Chemistry and Mineralogy.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Hamilton's Metaphysics and Lectures.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK—Plato's Phædo a Contra Atheos.
 2. MATHEMATICS—Loomis' Calculus.
 3. FRENCH.

THIRD TERM.

1. ASTRONOMY—Loomis' Treatise on Astronomy.
2. CHEMISTRY—Lectures on Technology.
3. CONSTITUTIONAL HISTORY OF ENGLAND—Creasy.
4. MODERN LANGUAGES—German.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. MECHANICS—Bartlett's Analytical Mechanics.
 3. FRENCH.

Senior Class.

FIRST TERM.

1. CHEMISTRY—Lectures on Organic Chemistry.
2. GUIZOT'S HISTORY OF CIVILIZATION—Constitutional History of the United States.
3. MORAL PHILOSOPHY—Wayland and Hopkins; Lectures.
4. BIBLICAL RECITATIONS.
5. ELOCUTION.
6. HEBREW—Extra.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK—Elementa Logices Aristatelicae; Trendelenberg.
 2. ASTRONOMY—Practical Astronomy with use of instruments.
 3. MODERN LANGUAGES—French or German.

SECOND TERM.

1. CHEMISTRY—Lectures on Chemical Physics.
2. POLITICAL ECONOMY—Text Book and Lectures.
3. MORAL PHILOSOPHY—Butler's Analogy.
4. BIBLICAL RECITATIONS.
5. ELOCUTION.
6. HEBREW—Extra.
7. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. GEODESY—Lectures.
 3. LOGIC—Thompson; Lectures, Essays.
 4. MODERN LANGUAGES.

THIRD TERM.

1. GEOLOGY—Lectures, Geological Excursion.
2. ARCHITECTURE—Lectures.
3. INTERNATIONAL LAW.
4. MORAL PHILOSOPHY—Butler's Analogy.
5. BIBLICAL RECITATIONS.
6. ELOCUTION.
7. HEBREW—Extra.
8. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK—Anthology.
 2. LOGIC—Lectures.
 3. MODERN LANGUAGES.

3. Remarks on the Course of Study.

In arranging the above schedule of studies, an attempt has been made to assign to each of the branches of Learning in the schedule something like its due amount of time, and its proper order of succession. This has been done on the presumption that the greater number of those who pursue the course of study in the Classical Department, will enter some one of the learned professions, or if not, are still desirous of the same kind and quality of culture. The general theory of the arrangement is that up to the close of Sophomore year, all the studies should be obligatory, and of such a character as would be equally desirable whatever subsequent profession or career was chosen; and that during the Junior and Senior years there should be certain subjects required of all students, while in regard to others there should be an election depending upon the future intentions of the student.

LANGUAGES.

LATIN.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition are continually required of the student.

GREEK.—The Classical Greek authors are read during the Freshman and Sophomore year, but during the subsequent years a portion of the time is specially devoted to the study of the Greek Testament, and to giving a familiarity with it sufficient to read it with fluency.

FRENCH AND GERMAN, are studied during the Senior year; and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors.

HEBREW.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive

Geometry, is optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations.

RHETORIC AND METAPHYSICS.

ELOCUTION.—During the first term of the Sophomore year lectures are delivered on the general principles of Elocution. And a practical application of these principles is made by appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshmen and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

ENGLISH LANGUAGE AND LITERATURE.—These subjects are taught by a text book, in connection with a course of lectures which are delivered to the Sophomore Class.

RHETORIC is begun in the first term of the Freshman year, in order that the student may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

MENTAL PHILOSOPHY.—Hickok's Empirical Psychology and Hamilton's Metaphysics, are the guide-books in this department. But neither is implicitly followed. The aim is rather to arouse the student, by a diligent comparison of different authors, to investigate the open questions of Philosophy independently, and thus to train him to a comprehensive and cautious deliberation, as well as in adopting the conclusions of others, as in forming and advancing his own. As opportunity offers, lectures upon important topics are interspersed through the course.

LOGIC.—In connection with the use of Thompson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This department is under the care of the Voorhees Professor. His course begins in the Freshman year with History, which will be continued into the Sophomore year. The study of these subjects is resumed again in the last term of the Junior year, and is continued through the Senior. The course will consist of a study of text-books, with lectures and the writing of essays.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by letters. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

This department of the College, organized by the Trustees to meet the demand for scientific and practical education, has been designated by the Legislature of New Jersey, under act of Congress,

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

In consideration of the income derived from the Agricultural College Land Endowment, and paid to the Trustees of Rutgers College, they receive into this department of the College, and educate free of expense for tuition a certain number of students from the State of New Jersey. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent for Schools in each county. They are distributed among the counties in proportion to their population as follows:

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		—
			40

In addition to the State pupils, the Scientific School receives all students from the State of New Jersey and other States who may desire and are prepared to pursue its course of study.

The course of study extends through three years, and includes a thorough education in Civil Engineering, Chemistry and Agriculture, Technology and Metallurgy, History, Political Economy, Constitutional Law, Mental and Moral Philosophy.

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Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		
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The course of study extends through three years, and includes a thorough education in Civil Engineering, Chemistry and Agriculture, Technology and Metallurgy, History, Political Economy, Constitutional Law, Mental and Moral Philosophy.

1. Conditions for Admission.

Every applicant for admission must be sixteen years of age, and must submit to the President testimonials of a good moral character. If an applicant for a State scholarship he must also present to the President the certificate from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz.: on Saturday, Monday and Tuesday preceding commencement, June 18th, 20th and 21st, beginning at 9 o'clock, A. M., in the President's room. Applicants for admission may also be examined on Monday and Tuesday, September 19th and 20th, at the same hour and place.

Students may also enter an advanced class either at the beginning of the College year or at other times, on condition they pass an examination both on the preliminary studies and on those passed over by the class.

Provision is made for such students as wish to pursue special branches in the Institution; provided only they are fitted by previous preparation to go on with the classes in their studies.

The following are the subjects on which those desiring to enter the lowest class of the Scientific Department are examined. As they are all such as can be acquired in our very best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete.
2. Algebra to Quadratic Equations.
3. Plane Geometry—three books.
4. English Grammar—including spelling.
5. Descriptive Geography.
6. Physical Geography.
7. History of the United States.

2. Courses of Study.

Two distinct courses of study are included in the Schedule which follows: I. A COURSE IN CIVIL ENGINEERING AND MECHANICS; II. A COURSE IN CHEMISTRY AND AGRICULTURE. During the first year and the first term of the second year the studies of the two courses are the same. During the remainder of the time the subjects of Higher Mathematics and Mechanics and Engineering in the Engineering Course are replaced by Analytical Chemistry, practice in the Laboratory and Agriculture, in the other. The remaining subjects the students of both courses pursue together.

COURSE OF STUDY.

First Year.

FIRST TERM.

1. Loomis' Algebra from Quadratic Equations.
2. Loomis' Geometry, from Book IV.
3. Draughting, Construction of Problems.
4. Lectures on Physiology and Zoology.
5. Principles of Elocution and exercises in Composition and Declamation.
6. French.

SECOND TERM.

1. Loomis' Algebra finished, and Geometry finished.
2. Trigonometry, plane and spherical.
3. Geometrical Draughting.
4. Elements of Chemistry and Mineralogy, with blowpipe exercises.
5. History and exercises in Composition and Declamation.
6. French.

THIRD TERM.

1. Surveying, with field exercises.
2. Descriptive Geometry (Church).
3. Elements of Botany.
4. History, and exercises in Composition and Declamation.
5. Draughting.
6. French.

Second Year.

FIRST TERM.

1. Analytical Geometry—Loomis, with additional notes on three dimensions.
2. Levelling and Railroad Curves.
3. Shades, Shadows and Perspective.
4. Chemistry and Mineralogy.
5. Mental Philosophy, Exercises in Composition and Declamation.
6. German.

SECOND TERM.

1. Differential and Integral Calculus.
2. Physics and General Chemistry.
3. Shades, Shadows and Perspective, Construction of Problems.
4. Mental Philosophy, Exercises in Composition and Declamation.
5. German.
6. Studies for the students in Chemistry and Agriculture.
 1. Analytical Chemistry and practice in the Laboratory.

THIRD TERM.

1. Mechanics (Bartlett's Analytical) begun.
2. Optics and Acoustics (Bartlett's).
3. Constitutional History of England—Creasy.
4. German.
5. Studies for the students in Chemistry and Agriculture.
 1. Analytical Chemistry.
 2. Astronomy.

Third Year.

FIRST TERM.

1. Bartlett's Mechanics—finished.
2. Mahan's Civil Engineering.
3. Constitutional History of the United States.
4. Moral Philosophy.
5. Studies for the students in Chemistry and Agriculture.
 1. Mining and Metallurgy.
 2. Principles of Agriculture and Farm Accounts.

SECOND TERM.

1. Mahan's Civil Engineering.
2. Stone Cutting.
3. Geodesy and Practical Astronomy.
4. Political Economy.
5. Studies for the students in Chemistry and Agriculture.
 1. Chemistry and Laboratory practice.
 2. Agriculture—its methods and products.

THIRD TERM.

1. Mahan's Civil Engineering—Preparing Thesis.
2. Geology—Lectures, Geological Excursions.
3. Architecture—Lectures.
4. Military Engineering.
5. International Law.
6. Studies for the students in Chemistry and Agriculture.
 1. Preparing Thesis.
 2. Farm Management.

3. Remarks on the Course of Study.

In the literary exercises of this Department in Composition and Declamation, and in other exercises, when it is possible, the students pursue them in connection with the students of the Classical Department.

The course of studies for the first year in this Department is arranged so as to be complete in itself. It is arranged so as to meet the wants of those who cannot take the entire three years' course, but who desire to fit themselves as Land Surveyors.

Special students are received to pursue any part of the above course, and provision is made for them, especially in Chemistry in the Laboratory, and in mathematics and Surveying.

In accordance with the requirements of the Law, the students in this Department are regularly drilled in Military Tactics by the Military Superintendent, Col. Kellogg. Arms and accoutrements for this purpose are furnished by the Quarter-Master-General of the State.

EXAMINATIONS.

The examination of the classes in both departments take place at the end of each term. They are conducted in part orally and in part in writing, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms the examinations of the classes of the Scientific School are held in the presence of the Board of Visitors, who make their semi-annual visits to the institution at that time.

At the examination at the end of the third term, each member of the Graduating Class of the Scientific School shall read before the Board of Visitors a thesis on some scientific subject, a copy of which shall be written out and deposited in the Library of the College.

The final examination of the Senior Class is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

GRADUATION.

On the Sabbath before Commencement Day the President preaches before the Graduating Classes his Baccalaureate Sermon in the College Chapel.

To all members of the Graduating Class of the Classical Department in full and regular standing the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic Degree of Bachelor of Science.

To all members of the Graduating Classes, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

The members of the Graduating Classes, appointed to that duty by the Faculty, will deliver orations on Commencement Day.

REGULATIONS.

1. The recitation hours extend from 9 o'clock A. M. to 1 o'clock P. M., during five days of the week.
2. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8:40 o'clock.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9:30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10:30 o'clock. Students are required to be present, and also to attend public worship in the afternoon or evening at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during the terms without permission from the President.
6. No Student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No Student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the Student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one-third of the term.
9. If the grade of a Student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of a Student in any term, fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any Student in any term shall fall below one-half of the maximum grade in all his studies, he shall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.
13. When a Student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent the parent, and the Student admonished by the President. When twenty-four are recorded against him, he shall be dismissed from the College.

COLLEGE EXPENSES.

FEES IN THE CLASSICAL DEPARTMENT.

Tuition per annum,	$60 00
Incidental Expenses per annum,	8 00
Admission Fee,	5 00
Graduation Fee,	7 50

FEES IN THE SCIENTIFIC DEPARTMENT.

Tuition per annum,	$75 00
Incidental Expenses per annum,	8 00
Admission Fee,	5 00
Graduation Fee,	7 50

Of the above expenses the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees one-third is payable at the beginning of each term, viz., $20 in the Classical, and $25 in the Scientific Department.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus.

BOARD.

Board with furnished rooms can be obtained in New Brunswick at the present time for $4 to $6 per week; board without rooms for $3 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz., at an expense of $34 per annum, payable one-half at the beginning of the first term and one-half at the beginning of the second term. The rooms are heated but not lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and Students shall board only at such places as are approved by them.

By combining in clubs students are able somewhat to reduce their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This fund, the gift of Rev. Elias Van Benschoten in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church, and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually. One hundred and twenty-five clergymen have been educated on this fund.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlborough, N. J., left by his will to the Trustees of Rutgers College the sum of $500 to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-mile Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State Students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendent for schools. The appointment gives the *right* to a course of instruction of three years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some evangelical church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., of New Brunswick, N. J.

8. Rooms in Peter Hertzog Hall.

Such rooms in the Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

EDUCATIONAL INCENTIVES.

1. Suydam Prize for Composition.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library, before he can receive the prize.

Subject for 1870, The Bible in the Public Schools.

Committee, REV. JOSEPH SCUDDER,
REV. C. L. WELLS,
COL. JOHN HILLHOUSE.

2. Suydam Prize in Natural Science.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

Committee for 1870, CHARLES SCRANTON, ESQ.,
THOMAS T. KINNEY, ESQ.,
REV. WILLIAM CORNELL.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize-man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject of the essay for 1870, The causes of the Peloponesian War.

Subject of the examination for 1870, Sophocles' Antigone; v. 332—440; Thucydides; B. II, chap. 34—47.

Committee, Rev. J. F. Berg, D.D.,
Rev. Joseph G. Symmes,
Prof. A. J. Swain.

4. Bradley Mathematical Prize.

This prize is given by Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on that student of the Senior Class who shall have made the greatest proficiency in Mathematics.

Committee for 1870, Col. James Moore,
Prof. G. Fischer,
George W. Howell, C. E.

5. Myron W. Smith Prizes.

These prizes are founded by Lyndon A. Smith, M. D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1870, Rev. Henry Neill, D.D.,
Andrew K. Cogswell, Esq.,
Elmer Stout, Esq.

6. Schermerhorn Prize for Composition.

This prize, the gift of J. W. Schermerhorn, A. M., consists of $25.00 worth of books at wholesale prices, selected by the recipient, and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1870, Is the acquisition of more territory a wise policy for the United States?

Committee, H. V. Esselsteyn, Esq.,
Rev. A. J. Sebring,
Garrett D. Vrooм, Esq.

7. Prize for Mineralogy.

A prize, consisting of 100 species of minerals, arranged and assorted in a case, was offered to the member of the graduating class of 1869, in the Scientific School, who should be able to identify and name the largest number of them. The same offer is renewed to the graduating class of 1870.

8. Thesis Prizes.

Two prizes of books, whose value shall not be less than $15 and $10, respectively, were offered in 1869 for the best and second best theses of the graduating class of the Scientific School. The same offer is renewed for the graduating class of 1870.

9. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclian Literary Societies, who deliver original speeches at an exhibition held on the Tuesday Evening preceding Commencement. The selection is made by the Faculty, and is based upon relative excellence as writers and speakers.

10. Commencement Honors.

The four members of the Senior Class standing highest in grade of scholarship, and ranked according to their relative standing, are appointed to deliver at Commencement the four following special orations:

1. The Valedictory.
2. The Latin Salutatory.
3. The English Salutatory.
4. The Philosophical Oration.

The appointments are based upon the records of scholarship kept during the successive terms of the College course.

11. Reports of Scholarship.

At the close of each term reports of the scholarship maintained during the term in each subject, are made up from the records and transmitted to the Parents or Guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

EDUCATIONAL APPLIANCES.

1. Libraries.

The Library of the College is open for consultation from 3 to 4:30 P. M. on Friday of each week. The collection of books, although entirely inadequate to the wants of the institution, is yet of great value. An effort is now being made, attended with encouraging results, to increase the Library and make it more worthy of the institution.

During the years 1868 and 1869 the sum of $1,211 has been contributed for this purpose, besides many donations of books. Among the largest donors have been:

Miss Anna M. Martense, Flatbush, L. I.
Hon. Henry C. Murphy, Brooklyn.
J. W. Schermerhorn, Esq., New York.
H. W. Bookstaver, Esq., New York.
S. R. W. Heath, Esq., Newark.

Besides making donations, Mrs. Judge Vanderbilt of Flatbush, and Rev. David Sutphen of New Utrecht, have particularly interested themselves in obtaining donations in their respective localities.

2. Museum.

The collections in the Museum are rapidly increasing, and contain, especially in the departments of Mineralogy and Palæontology, specimens which are rare and some which are unique. The want of sufficient room prevents the proper arrangement and display of the specimens, and many remain in their boxes unopened for this cause.

The Museum has received a valuable donation during the past year from Rev. Dr. A. R. Van Neste, minister of the Protestant Chapel in Florence, consisting of a choice collection of minerals and polished specimens of Italian marbles.

3. Apparatus.

The College possesses an excellent working collection of Philosophical and Chemical Apparatus, by which the subjects of experimental science can be illustrated.

4. Laboratory.

For students in Analytical Chemistry a working Laboratory, fully equipped, is provided. The actual manipulations in blowpipe analysis and qualitative and quantitative analysis, are here practically taught to the students.

5. Observatory.

For illustrating the principles and methods of Astronomy the College furnishes suitable facilities in the Daniel S. Schanck Observatory. It is provided with the following apparatus:

1. An Equatorial Telescope, made by Fitz of New York, and presented by Hon. Robert H. Pruyn, of Albany.
2. A Meridian Circle, made by Stackpole & Brother of New York, and presented by Rev. G. S. Schanck, and his two brothers.
3. An Astronomical Clock of the best quality, made by Bond of Boston, and presented by John Clark, Esq., of New Brunswick.
4. A Mean-Time Clock, made by Howard & Co., of Boston, and given by the Peithessophian Society of Rutgers College.
5. A Reflecting Circle, made by Stackpole & Brother, of New York, and presented by the Philoclian Society of Rutgers College.
6. A Self-Registering Barometer, invented by Prof. G. W. Hough, and given by James B. Hay, Esq., of Newark.
7. A Reflecting Telescope, eight feet in length.

6. College Farm.

A farm of ninety-nine acres is owned by the College, and is designed to illustrate the principles and methods of Agriculture in connection with the Agricultural students of the Scientific School. The most approved methods of culture are employed, and opportunities of witnessing the trial of new agricultural implements are frequently furnished.

7. Literary Societies.

Voluntary associations for declamation, debate, and other literary exercises are maintained by the students, and hold weekly sessions. They possess valuable libraries, and furnish important auxiliaries to the student in extemporaneous and prepared oratory. The Peithessophian Society was founded in 1825, and the Philoclian later in the same year.

WANTS OF THE COLLEGE.

1. A Geological Hall.

Cabinets of valuable minerals are stowed away in boxes for the want of the room to arrange them in suitable cases. In a suitable hall a Museum could be displayed of minerals, fossils, specimens of Natural History, and curiosities, which would do honor to the College. $30,000 to $40,000 are wanted for this purpose.

2. The Professorship of Mining, etc.

We want $30,000 to endow this professorship, to which John C. Smock, Esq., a graduate of Rutgers College, and the able Assistant Geologist of the State of New Jersey, has been elected. Mr. Smock will pursue his studies in Europe till September, 1870, when he will enter upon his duties in Rutgers College. Let the endowment be ready.

3. Enlargement of the Library.

The Library of the College is wholly inadequate for the wants of the Professors and Students, and must have large additions of standard and modern works. Let every alumnus and friend of the College give himself no rest till he has done his part in remedying this defect.

4. Grammar School.

The Trustees have expended $15,000 in providing accommodations for the Grammar School. To do this the funds had to be withdrawn from other purposes where they are greatly needed. A donation to this amount is wanted.

5. A New Chapel.

The increasing number of students require additional accommodations in the Chapel. A new building which should afford space for a Chapel, and leave the old building to be rearranged for recitation rooms, is a pressing want.

REGISTER.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, FEB. 22, 1869.

LIST OF CONTESTANTS AND PRIZE MEN.

W. H. LAWRENCE,	Trenton, *First Prize.*
C. F. VAN INWEGEN,	Port ervis, N. Y., *Second Prize.*
E. D. DELAMATER,	Hudson, N. Y.
HALEY FISK, JR.,	New Brunswick.
J. E. GRAHAM,	Berne, N. Y.
W. P. VOORHEES,	New Brunswick.
W. W. WENDOVER,	Kinderhook, N. Y.
E. B. WILLIAMSON,	New York City.

2. Junior Exhibition.

ORATORS FOR 1869.

Peithessophian Society.

JOHN H. LEUPP, New Brunswick,	Character.
JOHN F. MCLAURY, Delhi, N. Y.,	No.
GRAHAM TAYLOR, Newark,	Freedom and Faith.
J. C. WESTON, New Brunswick,	The Sturdy Stroke.

Philoclian Society.

GEORGE R. GARRETSON, Jersey City,	Life's Business.
L. LAFLIN KELLOGG, New York,	The Temple of Nations.
NICHOLAS PEARSE, Lishas Kill, N. Y.,	Action.
R. A. PEARSE, Lishas Kill, N. Y.,	Nature and the Bible.

3. Graduating Exercises.

BACHELORS OF ARTS, 1869—ORATIONS.

Edgar Bergen, Flatlands, L. I., N. Y.,	Valedictory.
Martin Bahler, Rochester, N. Y.,	Latin Salutatory.
George Warne Labaw, Harlingen,	English Salutatory.
Mott Bedell Vail, New Brunswick,	Philosophical Oration.
Edward Warren Clark, Albany, N. Y.,	Foreign Travel.
Robert Doig, Guttenberg,	Life's Great Work.
Theodore Douglas Frazee, B'd Brook,	Christian Chivalry.
William E. Griffis, Philadelphia, Pa.,	Boyhood's Dreams.
John Hart, Richboro, Pa.,	What Next?
Charles L. Knapp, Lowville, N. Y.,	Sleeping Heroes.
Edward Lodewick, Castleton, N. Y.,	Rise and Fall of Great Republics.
Robert C. Pruyn, Albany, N. Y.,	Modern Luxury.
Edward D. Shepard, Hudson, N. Y.,	Fate.
Nicholas Terhune, Paterson,	Unwritten History.
John T. Van Cleef, Jersey City,	Inconsistency.

BACHELORS OF SCIENCE, 1869—THESES.

Nathaniel Board, Pompton,	Canals.
Simeon E. Bucknall, New Brunswick,	Geological Changes effected by Water.
Holmes V. M. Dennis, Marlboro,	Railroads.
Joshua Doughty, Jr., Somerville,	Agriculture.
J. Ridgway Fell, Trenton,	Strength of Materials.
Edward Sealy, Madison,	Bridge at Newark.
Augustus Vanderveer, Rocky Hill,	Mineralogy.
William A. Van Mater, Holmdel,	Astronomy.
A. D. H. Voorhees, Six-Mile-Run,	Agriculture.

PRIZES AWARDED.

Brodhead Prize for Classics,	MARTIN BAHLER.
Suydam Prize for Natural Science,	WILLIAM E. GRIFFIS.
Suydam Prize for Composition,	WILLIAM E. GRIFFIS.
Bradley Prize for Mathematics,	MARTIN BAHLER.
Prize for Mineralogy,	JOSHUA DOUGHTY, JR.
Prize for best Thesis,	EDWARD SEALY.
Prize for second best Thesis,	S. E. BUCKNALL.
Schermerhorn Prize for Composition,	R. A. PEARSE.
Myron W. Smith Prize for Oratory, best,	W. H. LAWRENCE.
" " " " 2d "	C. F. VAN INWEGEN.
Van Doren Prize for Essay on Missions,	A. W. BENSON, W. J. HILL.

MASTER'S ORATION.

JOHN M. GAUT, Nashville, Tenn.

4. Prize-men,

SUYDAM PRIZE FOR COMPOSITION.

1854—JAMES LE FEVRE.	1861—WILLIAM P. MESICK.
1855—ISAAC L. KIP.	1862—FRANCIS A. HORTON.
1856 { GEORGE V. N. BALDWIN. SILAS D. SCUDDER.	1863—WILLIAM SMITH.
	1864—WILLIAM H. LEUPP, JR.
1857 { JAS. W. SCHERMERHORN. BENJAMIN C. SEARS.	1865—WILLIAM DE HART.
	1866—JOHN G. VAN SLYKE.
1858—ROBERT O. CURRIE, JR.	1867—PETER L. VANDERVEER.
1859—T. SANFORD DOOLITTLE.	1868—VERNON B. CARROLL,
1860—DUPUYTREN VERMILYE.	1869—WILLIAM E. GRIFFIS.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—WILLIAM W. POST.	1862—ABRAM Q. GARRETSON.
1855—MILTON A. FOWLER.	1863—JOSEPH M. DIXON.
1856—JOSIAH JANSEN.	1864—N. I. MARSELUS BOGERT.
1857—D. TEN BROECK REILEY.	1865—FRANCIS C. VAN DYCK.
1858—JOHN B. DRURY.	1866—ISAAC P. BROKAW.
1859—WILLIAM CORNELL.	1867—PETER L. VANDERVEER.
1860—DUPUYTREN VERMILYE.	1868—HERBERT A. DRAKE.
1861———.	1869—WILLIAM E. GRIFFIS.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.
1869—Martin Bahler.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin Chalmers Nevius.
1868—Edward Benedict.
1869—Martin Bahler.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1866	Archibald Mercer.	Vernon Bond Carroll.
1867	John Talmage Van Cleef.	William Elliot Griffis.
1868	Willet Denike, Jr.	George R. Garretson.
1869	W. H. Lawrence.	C. F. Van Inwegen.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—William Elliot Griffis.
1869—R. A. Pearse.

5. Honorary Degrees.

DOCTOR OF DIVINITY.

June 22, 1869—Rev. Edward P. Terhune, Newark.
" " Rev. Wm. H. Van Doren, Chicago.
" " Rev. Kneeland P. Ketchum, Allentown, N. J.
" " Rev. Andrew Murray, Capetown, S. Africa.

MASTER OF ARTS.

" " Rev. R. M. Stratton, New York.
" " W. H. H. Ayars, Louisville, Ky.
" " Peter A. Youngblood, Hackensack.
" " Nicholas Williamson, New Brunswick.
" " Dr. N. Roe Bradner, Philadelphia.

6. Alumni Association.

OFFICERS FOR THE YEAR 1869–70.

Hon. Robert H. Pruyn, LL.D., Albany, N. Y.,	President.
Edward S. Vail, Esq., New Brunswick,	Vice President.
Rev. John L. See, D.D., New Brunswick,	Secretary.
Henry R. Baldwin, M. D., New Brunswick,	Curator.
Hon. Joseph P. Bradley, LL.D., Newark, N. J.,	Orator.
Rev. David Cole, D.D., Yonkers, N. Y.,	Necrologist.

7. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1869–70.

Prof. David Murray,	President.
William E. Griffis,	Vice President.
Prof. Jacob Cooper,	Corresponding Secretary.
Prof. T. S. Doolittle,	Judge of Composition.
Isaac E. Hasbrouck,	Treasurer.
Alexander Johnson,	Recording Secretary.
Charles K. Jones,	Registrar.

MEMBERS.

The Faculty of the College.

ELECTED FROM THE CLASS OF 1869.

Martin Bahlar,	M. B. Vail,
Edgar Bergen,	Simeon E. Bucknall,
William E. Griffis,	J. Ridgway Fell,
G. W. Labaw,	Augustus Vanderveer.

ELECTED FROM THE CLASS of 1870.

Luther Barton,	Charles K. Jones,
Alexander Johnson,	Richard A. Pearse.

NECROLOGY.

REV. ISAAC N. WYCKOFF, D.D.

Dr. Wyckoff was born near Millstone, N. J., in 1792, and died at Albany in 1869. He began his studies under Rev. John M. Van Harlingen in 1806. He was in straitened circumstances and was compelled to engage in teaching in order to complete his education. He graduated at Rutgers College in 1812. While pursuing his Theological studies at New Brunswick, he was the Principal of a Young Ladies' Seminary, and was active in organizing and carrying on the Young Men's Bible Society. His first charge was the Reformed Church at Catskill, from 1817 to 1836, his second and last the Middle Dutch Church at Albany from 1836 to 1866. He resigned his charge in 1866 and died in 1869. He was a good, learned and laborious man, and aided many in obtaining an education. He was especially interested in the recent emigrants from Holland, and being able to speak their language with facility, many resorted to him for counsel.

JOHN ADAMS POOL, M. D.

Dr. Pool was the son of John Pool, Esq., one of the enterprising merchants of New Brunswick before Railroads and Canals deprived it of its position as an important grain depot. He was born in 1797 and died in April 1869. He graduated at Rutgers College in 1813, in the class succeeding Dr. Wyckoff. He studied the profession of medicine and was for some years engaged in its successful practice. But gradually he relinquished these duties in order to devote himself to other cares devolved upon him. He spent the evening of his life in the home of his youth, and lived honored and respected by a large circle of relatives and friends.

REV. EZRA W. COLLIER.

He graduated at Rutgers College in 1848, and at the Theological Seminary at New Brunswick in 1854. He was settled as pastor at Manhat-

tan 1854 to 1856, then at Freehold, N. J. from 1856 to 1866. From 1866 to 1867 he was pastor at Coxsackie, N. Y., when on account of failing health he was compelled to resign. He died on December 5th, 1869, at Aiken, S. C., whither he had gone for a milder climate. His brother, Rev. Joseph A. Collier, died at Kingston in 1864. Both brothers were men of fine talents, and by the pen and in the pulpit, exerted a wide and benign influence.

REV. JOHN GARRETSON.

He graduated in the class of 1861 at Rutgers College, and three years after from the Theological Seminary at New Brunswick. For some time he supplied the pulpit of the Presbyterian Church at Broadalbin, N. Y., and in 1868 became its settled pastor. He died at Broadalbin in 1869.

HARMAN RUTGERS CROSBY.

Mr. Crosby was born in 1845, at New Brunswick, where his father, a Professor in Rutgers College, then resided. He was prepared for College by his father and graduated in 1864. He studied law at Poughkeepsie, and bade fair to attain eminence in his profession. But he decided finally to pursue a business career, and was successfully engaged in manufacturing, when he was attacked by the disorder which proved fatal. In June, 1869, he sailed from New York for Liverpool, in the expectation that the sea voyage would restore him to health. Shortly after he sailed he became worse and died at sea, June 15, 1869. He was universally loved for his genial manners and his amiable and obliging disposition. His talents were recognized as solid and brilliant, and he was selected by his classmates to deliver the Master's Oration for his class in 1867.

GRAMMAR SCHOOL.

REV. DEWITT T. REILEY, A. M., RECTOR.
ROBERT S. WOODRUFF, JR., PRINCIPAL.

Location.

This Institution is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is near good boarding houses, play grounds, etc., and is within two minutes walk of the Rail Road Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain, under the oversight of teachers, in a room provided for the purpose, until the proper train starts. The building occupied by the Grammar School is large and commodious, well ventilated, with abundance of room for recitation, drill, gymnastics, cabinets, &c. It has just been enlarged to three times its former size, and fronts the Campus and College Avenue.

A large and pleasantly situated dwelling, with eight acres of ground is now the property of the Rector, and is occupied for boarding pupils, under his immediate charge. Pupils, however, whose parents wish them to board in town, will have the Rector's care and attention given them, in the houses at which they board.

Plan of Grading and Studies.

The following diagram will show the plan of the three courses; Business, Classical and High School.

5th Class—ELEMENTARY STUDIES.
4th Class— " "

3d College Class,	*B, Business Class*,
LATIN BEGUN.	BOOK-KEEPING BEGUN.
2d College Class,	*A. Business Class*,
GREEK AND LATIN.	SPECIAL BUSINESS STUDIES.
1st College Class,	*High School Class.*
ENTER COLLEGE, END OF YEAR.	HIGHER STUDIES—DIPLOMA.

In the two lower classes the course is the same for both those who intend to prepare for College and those who desire a business education. The Business Course occupies two years and comprises those studies which fit the student for practical business. This course also fits the student for entering the Scientific School of Rutgers College. An additional year is also provided for those who wish to continue their studies.

Latin is begun in the third year of the Classical Course, and Greek in the fourth. At the end of this course the student is prepared to enter the Freshman Class of the College. When students of unusual diligence and ability desire to prepare for College in a shorter time facilities for that purpose are provided.

A Preparatory Department for boys from six to twelve years of age has recently been opened under the charge of a lady teacher.

A competent instructor in physical training is employed in the school for drilling the students. A room in the building is provided for this purpose.

The hours of attendance are from 8:20 A. M. to 1:30 P. M. For absence, tardiness or failures in recitations, *written* excuses are expected from parents or guardians.

The School year begins September 7th, 1870.

TERMS:

Preparatory School - - - -	$9 per quarter of	ten	weeks.
Grammar School—English branches, -	12 "	"	
Latin, including above,	15 "	"	
Greek - - -	17 "	"	
Incidentals, - -	1 per session.		

The tuition is to be paid at the beginning of each session, in sums proportioned to the length of the session. No deduction for absence, unless occasioned by protracted sickness. There is no extra charge except for French.

Board, Tuition, Fuel and Light, ~~$100~~ $102 per quarter of Ten Weeks.

No extras, except for washing, attendance of a physician, and studies not in the regular course. Each pupil must bring napkins, towels, napkin-ring, fork and spoon (plated). All articles must be marked with the full name.

GRAMMAR SCHOOL.

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Greek - - -	17	"	"
Incidentals, - -	1	per session.	

The tuition is to be paid at the beginning of each session, in sums proportioned to the length of the session. No deduction for absence, unless occasioned by protracted sickness. There is no extra charge except for French.

Board, Tuition, Fuel and Light, ~~$109~~ $117 per quarter of Ten Weeks.

No extras, except for washing, attendance of a physician, and studies not in the regular course. Each pupil must bring napkins, towels, napkin-ring, fork and spoon (plated). All articles must be marked with the full name.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1870–71.

FOUNDED A. D. 1770.

New Brunswick, N. J.:

Times Steam Printing and Engraving Establishment, 23 Albany Street.

1870.

TRUSTEES.

EX-OFFICIO.

His Excellency, Theodore F. Randolph, Morristown,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL. D., Trenton,
Chief-Justice of the State of New Jersey.

Hon. ROBERT GILCHRIST, Jersey City,
Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION
Rev. WM. H. CAMPBELL, D.D. LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
WILLIAM VAN DEURSEN, M.D.,	New Brunswick,	Nov. 14, 1823
Hon. PETER D. VROOM, LL.D.	Trenton,	July 15, 1828
Hon. A. B. HASBROUCK, LL.D.	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. PETER VREDENBURG,	Freehold,	July 24, 1849
Hon. JOHN HOPPER,	Patterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL. D.,	Newark,	July 21, 1851
J. ROMEYN BRODHEAD, LL.D.,	New York City,	April 12, 1853

NAMES.	RESIDENCES.	DATE OF ELECTION.
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1858
CHARLES W. SWIFT, Esq.,	Poughkeepsie, N.Y.,	July 27, 1858
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N.Y.,	July 27, 1858
JAMES SUYDAM, Esq.,	New York City,	Sept. 27, 1858
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C.TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	Ithaca, N. Y.,	June 29, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Newark,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N. Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
EDWARD S. BRAYTON, Esq.,	Utica, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Hon. A. O. ZABRISKIE, LL.D.,	Jersey City,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Poughkeepsie, N. Y.,	Apr. 11, 1866
Rev.TALBOT W. CHAMBERS, D.D.	New York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.	Albany, N. Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N. Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board.*
New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer,*
Office—39 Albany Street, New Brunswick.

PHILIP A. SCHMIDT, *Janitor.*

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT.)

THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christanity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,
(VICE-PRESIDENT.)
Professor of Chemistry, Natural History and Agriculture.

REV. DEWITT TEN BROECK REILEY, A. M.,
Professor of the Latin Language and Literature, and Rector of the Grammar School.

DAVID MURRAY, A. M., PH.D.,
Professor of Mathematics, Natural Philosophy and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, A. M.,
COLLEGIATE CHURCH *Professor of Rhetoric, Logic and Mental Philosophy.*

REV. JACOB COOPER, PH.D.,
Professor of the Greek Language and Literature.

JOSIAH HOLCOMB KELLOGG, U. S. A.
Professor of Engineering, and Military Superintendent.

JOHN CONOVER SMOCK, A. M.,*
Professor Elect of Mining and Metallurgy.

GEORGE W. ATHERTON, A. M.,
VOORHEES *Professor of History, Political Economy and Constitutional Law.*

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A. M.,*
Professor Elect of Analytical Chemistry.

EDWARD A. BOWSER, B. S.
Adjunct Professor of Mathematics.

ISAAC EDWARD HASBROUCK, A. M.,
Tutor in Latin and Mathematics.

REV. DEWITT TEN BROECK REILEY, A. M.,
Librarian.

ISAAC E HASBROUCK, A. M.,
Assistant-Librarian.

*Studying in Europe in preparation for entering on his Professorship.

CLASSICAL DEPARTMENT.

Catalogue of Students during the year ending January 1, 1871.

Senior Class.

NAMES.	RESIDENCES.	ROOMS.
Aaron William Benson,	New Brunswick,	28 Hertzog Hall.
George Berdine,	New Brunswick,	83 Church St.
John Woodruff Conklin,	New Vernon,	78 George St.
Ezra Doane DeLamater,	Hudson, N. Y.,	78 George St.
Joseph Fischer,	New Brunswick,	Livingston Ave.
Haley Fisk, Jr.,	New Brunswick,	18 George St.
James Cortelyou Garretson,	New Brunswick,	56 Paterson St
James Edward Graham,	Berne, N. Y.,	153 George St.
Andrew Hageman,	Readington,	21 Hertzog Hall.
Ananias Lawrence,	Milltown,	Left College.
William Hulit Lawrence,	Trenton,	30 Schureman St.
Rodolph Crocheron Oakley,	Rahway,	Rahway.
George Edgar Pace,	East Millstone,	East Millstone.
H. Ten Broeck Von Romondt,	New Brunswick,	Left College.
William Newton Todd,	Whitehouse,	45 Hertzog Hall.
Charles Francis Van Inwegen,	Port Jervis, N. Y.,	153 George St.
Willard Penfield Voorhees,	New Brunswick,	4 Livingston Ave.
William Wirt Wendover,	Kinderhook, N. Y.,	
Edwin Bleecker Williamson,	Newark,	37 Schureman St.
John Henry Wyckoff,	New Brunswick,	84 Bayard St.

Junior Class.

NAMES.	RESIDENCES.	ROOMS.
Thomas Clemens,	Millstone,	25 New St.
Jas. Schureman Nevius Demarest,	New Brunswick,	Seminary Place.
Charles. Arndt Dunham,	New Brunswick,	157 Neilson St.
George Sharpe Duryee,	Newark,	Newark.
Edward D. Gilmore,	Brooklyn, N. Y.,	25 New St.
William H. Hoffman,	High Bridge,	25 New St.
John Alexander Koones,	New York City,	Left College.
George Hall Large,	Whitehouse,	79 George St.
William James Leggett,	Hudson, N. Y.,	46 Hertzog Hall.
Benjamin Cory Miller, Jr.,	Newark,	Newark.
George Adam Ries,	Coytesville,	48 Hertzog Hall.
Henry Scott Rokenbaugh,	New York City,	79 George St.
Frederick William Ruhl,	Albany, N. Y.,	23 Hertzog Hall.
Louis J. Ryerson,	Bloomingdale,	56 Church St.
Charles Henry Steele,	New Brunswick,	106 George St.
George Henry Stevens,	Albany, N. Y.,	74 George St.
Edward Woodbridge Strong,	New Brunswick,	Hamilton St.
John Alfred Van Neste,	Griggstown,	25 New St.
Charles Wharton,	Newark,	Newark.
Martin Nevius Wyckoff,	Middlebush,	Middlebush.

Sophomore Class.

NAMES.	RESIDENCES.	ROOMS.
Robert Adrain,	New Brunswick,	Somerset St.
Frederic Ernest Allen,	Madison,	10 Hertzog Hall.
Madison Monroe Ball,	Berne, N. Y.,	18 Hertzog Hall.
John D. Bennet,	Tyre, N. Y.,	153 George St.
Herbert Boggs,	New Brunswick,	63 George St.
Fletcher Clark,	Albany, N. Y.,	17 George St.
George Hull Cleveland,	Brooklyn, N. Y.,	64 Schureman St.
William W. Cook,	Richboro, Pa.,	Delavan St.
George Reiley Dixon,	Grahamville, N. Y.,	9 Hertzog Hall.
Charles Pierson Dorrance,	Freehold,	57 Albany St.
Joseph Alexander Harper,	New Brunswick,	112 New St.
Howard Harris,	Montclair,	37 Hertzog Hall.
Daniel Trimble Hawxhurst,	Marlboro,	21 Hertzog Hall.
Peter Huyssoon,	Paterson,	35 Hertzog Hall.
Garret Smock Jones,	Holmdel,	
George Sharpe Knickerbocker,	Upper Red Hook, N. Y.,	37 H. Hall.
Bloomfield Littell,	Orange,	62 Church St.
Adrian Vanderveer Martense,	Flatbush, L. I.,	77 French St.
Abram Irving Martine,	Nyack Turnpike, N. Y.,	26 H. Hall.
William H. McKie,	Salem, N. Y.,	Left College.
Charles H. Millspaugh,	Albany, N. Y.,	55 Albany St.
Albert Dod Minor,	Glenville, N. Y.,	14 Hertzog Hall.
John H. C. Nevius,	Stuyvesant, N. Y.	
William Henry Page,	New Brunswick,	117 Neilson St.
John DeWitt Peltz,	New Paltz, N. Y.,	Seminary Place.
Charles Wadsworth Pitcher,	South Branch,	84 Welton St.
Claudius Rockefeller,	Germantown, N. Y.,	39 H. Hall.
John Ryley,	New Brunswick,	4 Hertzog Hall.

NAMES.	RESIDENCES.	ROOMS.
Isaac S. Schenck,	New Brunswick,	74 Bayard St.
Fitz Randolph Stewart,	Brooklyn, N. Y.,	25 New St.
Joseph W. Sutphen,	New Brunswick,	Neilson Ave.
Alexander Gulick Van Aken,	New Brunswick,	56 Church St.
Ira Van Allen,	Bethlehem Centre, N. Y.,	41 H. Hall.
S. Oakley Vanderpoel, Jr.,	Albany, N. Y.,	76 George St.
Jacob Van Fleet,	New Brunswick,	59 French St.
Daniel Gilbert Van Mater,	Holmdel,	
Peter V. Voorhees,	Six-Mile Run,	Six-Mile Run.
Henry Weston, Jr.,	New Brunswick,	Bellevue.
George Sidney Willits	Philadelphia, Pa.,	85 Hertzog Hall.
Charles S. Wright,	New Utrecht, N. Y.,	87 H. Hall.

Freshman Class.

NAMES.	RESIDENCES.	ROOMS.
William Bogardus Berry,	Montclair,	153 George St.
Charles Smith Bloomfield,	Uniontown,	Uniontown.
William Hornblower Bradley.	Newark,	64 Schureman St.
Ralph Watson Brokaw,	Paola, Kansas,	43 Hertzog Hall.
John Philip Clum,	Herndon, Va.	43 Hertzog Hall.
Luther Cortelyou,	New Brunswick,	Hamilton Ave.
Ephraim Cutter,	Woodbridge,	Woodbridge.
Charles Davis,	Saugerties, N. Y.,	31 John St.
Titus Elwood Davis,	Barrytown, N. Y.,	22 Hertzog Hall.
J. V. DeMott,	Middlebush,	Middlebush.
Spencer Houghton Cone Devan,	New Brunswick,	57 Somerset St.
Joseph Rankin Duryee,	Newark,	Newark.
George Washington Frey,	Englishtown,	22 Hertzog Hall.
Howard Newton Fuller,	New Baltimore, N. Y.,	41 Sch'n St.
Perry James Fuller,	New Baltimore, N. Y.,	41 Sch'n St
William Frederick Gaston,	Passaic,	55 Albany St.
Adolphus Goessling,	Jersey City,	20 Hertzog Hall.
Harry Latimer Janeway,	New Brunswick,	Pinehurst.
John Howard Kelly,	New Brunswick,	7 Morris St.
Charles Henry Theo. Kruger,	Hoboken,	16 Hertzog Hall.
Sidney Oscar Lawsing,	Glenville, N. Y.,	Hamilton St.
Louis John Lockwood,	Newburgh, N. Y.,	Delavan St.
George DeWitt Lydecker,	Nyack Turnpike, N. Y.,	26 H. Hall.

NAMES.	RESIDENCES.	ROOMS.
JOHN RICHARD MANLY,	New Brunswick,	145 Neilson St.
CHARLES AUGUSTUS MEYER,	New Brunswick,	Easton Ave.
THEODORE DENTON MILLS,	Port Jervis, N. Y.,	153 George St.
JOHN OPPIE,	Griggstown,	20 Richmond St.
JAMES PARKER,	Newark,	Newark.
EDWARD TRENCHARD PRICE,	Ramsey's.	96 George St.
ISAAC PUMYEA,	New Brunswick,	Three-Mile Run.
WILLIAM HALL QUICK,	Farmer Village,	78 Bayard St.
CHARLES AUGUSTUS RUNK,	New York City,	52 Bayard St.
GEORGE W. RYERSON,	Brooklyn, N. Y.,	6 Hertzog Hall.
JOHN H. SAULSBURY,	Catskill,	Left College.
LOUIS H. SCHENCK,	Neshanic,	78 Bayard St.
JOHN WELCH SEARING,	Saugerties, N. Y.,	31 John St.
EDWARD TENNYSON SIMONS,	Berneville, N. Y.,	16 Hertzog Hall.
KO ZO SOOGIWOORA,	Satsuma, Japan,	2 French St.
PETER DAVID STAATS,	Raritan,	62 Church St.
WILLIAM STODDARD,	New Brunswick,	100 George St.
ALLEN HARTWELL STRONG,	New Brunswick,	Hamilton Ave.
DAVID MATHER TALMAGE,	Middlebush,	Middlebush.
ALEXANDER B. VANDERVOORT,	Millstone,	Millstone.
JAMES VAN ETTEN,	Port Jervis, N. Y.,	153 George St.
GEORGE WASHINGTON VAN HORN,	Bergen,	35 Schureman St.
STEPHEN BARRETT VREELAND,	Bergen,	35 Schureman St.
JOHN NEWTON WYCKOFF,	Whitehouse Station,	14 Neilson St.

SCIENTIFIC DEPARTMENT.

Rutgers Scientific School.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR)

FIRST CONGRESSIONAL DISTRICT.

	RESIDENCES.	TERM EXPIRES.
JAMES M. MECUM, Esq.,	Salem,	April 12, 1878.
JONATHAN INGHAM, Esq.,	Salem,	April 12, 1871.

SECOND CONGRESSIONAL DISTRICT.

HON. WM. H. HENDRICKSON,	Middletown,	April 12, 1878.
HON. WILLIAM PARRY,	Cinnaminson,	April 12, 1872.

THIRD CONGRESSIONAL DISTRICT.

HON. JAMES BISHOP,	New Brunswick,	April 12, 1871.
HON. JOSEPH THOMPSON,	Readington,	April 12, 1875.

FOURTH CONGRESSIONAL DISTRICT.

REV. JOHN STEELE,	Paterson,	April 12, 1875.
H. C. KELSEY, Esq.,	Newtown,	April 12, 1874.

FIFTH CONGRESSIONAL DISTRICT.

FRANCIS D. HAWES, Esq.,	Newark,	April 12, 1874.

(Vacancy).

OFFICERS.

HON. WM. H. HENDRICKSON, *Chairman.*
HON. WILLIAM PARRY, *Secretary.*

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.
(PRESIDENT.)

GEORGE H. COOK, LL.D.,
Professor of Chemistry, Natural History and Agriculture.

DAVID MURRAY, A. M., PH.D.,
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REV. THEODORE SANDFORD DOOLITTLE, A. M.,
Professor of Rhetoric, Logic and Mental Philosophy.

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Professor of Engineering and Military Superintendent.

JOHN CONOVER SMOCK, A. M.,
Professor Elect of Mining and Metallurgy.

GEORGE W. ATHERTON, A. M.,
Professor of History, Political Economy and Constitutional Law.

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A. M.,
Professor Elect of Analytical Chemistry.

EDWARD A. BOWSER, B. S.
Adjunct Professor of Mathematics.

ISAAC EDGAR HASBROUCK, A. M.,
Tutor in Mathematics.

STUDENTS,

During the year ending January 1, 1871.

First Class.

NAMES.	RESIDENCES.	ROOMS.
James Kennedy Barton,	New Brunswick,	35 Carman St.
Henry Herbert Cook.	Trenton,	Left College.
Stephen George Gano,	Centreville,	29 Paterson St.
Winfield Scott Lasher,	Germantown, N.Y.,	29 Paterson St.
James Rush Marshall,	Bound Brook,	Left College.
Charles William Merritt,	Piscataway,	Piscataway.
John Anderson Miller, Jr.,	Newark,	Newark.
Charles Lansing Pruyn,	Albany, N. Y.,	37 Schureman St.
Otis Comfort Tiffany,	Newark,	Newark.
Walton Cuyler Tiffany,	New Brunswick,	Left College.
Joseph Ward, Jr.,	Newark,	Newark.
Silas Ebenezer Weir, Jr.,	New Brunswick,	Richardson St.

Second Class.

NAMES.	RESIDENCES.	ROOMS.
Edward Fuller Brooks,	Greenwich,	67 Church St.
Joseph Burroughs,	Trenton,	55 Albany St.
Albert Stanburrough Cook,	Montville,	67 Church St.
Jacob Bell Cornell,	Somerville,	Somerville.
Theo. Frelinghuysen Cornell,	Somerville,	Somerville.
Tunis G. Bergen Cortelyou,	Matawan,	57 Albany St.
Joseph Rose Dennis,	Newark,	Newark.
Charles Heath,	Newark,	Newark.
John W. Herbert, Jr.,	Marlboro,	57 Albany St.
William Edward King,	Drakeville,	14 French St.
George Boardman Ogden,	Bridgeton,	67 Church St.
Frederic James Potter,	Rahway,	78 George St.
James Fitz Randolph,	Morristown,	79 George St.
Daniel Dubois Smock.	Marlboro,	Left College.
Charles H. Vannier,	Succasunna,	14 French St
Richard Lovell Williams,	Rahway,	Rahway.

SCIENTIFIC CLASS OF 1873.

NAMES.	RESIDENCES.	ROOMS.
William Allen Chapman,	Saugerties, N. Y.,	55 Albany St.
Frederick Augustus Conkling,	Brooklyn, N. Y.,	96 George St.
Tunis G. Bergen Cortelyou,	Mattawan,	62 Church St.
Joseph Addison Crowell,	Rahway,	Rahway.
James Ketchum Dunscomb,	Albany, N. Y.,	78 George St.
Julio Martinez Hernandez,	New York City,	56 Church St.
William Hillhouse,	New Brunswick,	College Ave.
John Henry Huyler,	Tenafly,	56 Church St.
Jeremiah Johnson,	Rahway,	Rahway.
James Thomas Lillis,	Hudson City,	131 Neilson St.
Cornelius B. McCrellis,	New Brunswick,	126 Neilson St.
William Morgan,	South River,	South River.
Henry Augustus Neilson,	New Brunswick,	13 Paterson St.
Myron Randall Chauncey Peck,	Albany, N. Y	153 George St.
Clarence Peters,	Newark,	84 Bayard St.
Henry Livingston Rutgers,	New Brunswick,	Somerset St.
Daniel S. Schanck, Jr.,	New York City,	55 Albany St.
Edmund Stephens,	Closter,	56 Church St.
William Picard Stephens,	Rahway,	Rahway.
Charles Frederick Stillman,	Plainfield,	49 Schureman St.
Thomas Bliss Stillman,	Plainfield,	49 Schureman St.
Henry Cadmus Stryker,	Rome, N. Y. ,	57 Albany St.
Chas. Townsend Van Santvoord,	Albany, N. Y.,	61 Bayard St.
Elbridge Van Syckel, Jr.,	Bound Brook,	14 French St.
Hobart Fuller Watson,	Clayton,	14 French St.
William Williamson,	New Brunswick,	78 Bayard St.

RECAPITULATION.

NEW JERSEY,	124
NEW YORK,	52
PENNSYLVANIA,	2
VIRGINIA,	1
KANSAS,	1
JAPAN,	1
TOTAL,	181

SUMMARY.

Classical Department.

SENIORS,	20
JUNIORS,	20
SOPHOMORES.	40
FRESHMEN,	47

Scientific Department.

FIRST CLASS,	12
SECOND CLASS,	16
THIRD CLASS,	26
TOTAL,	181

CLASSICAL DEPARTMENT.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to College will be held on Saturday, Monday and Tuesday, June 17, 19 and 20, before commencement, beginning at 9 o'clock, A. M., in the President's room. All who can do so are requested to present themselves on Saturday. Applicants for admission may also be examined on Tuesday and Wednesday, September 19 and 20, at the same hour and place.

Students will be received to an advanced class, provided they sustain a satisfactory examination upon the subjects previously studied by the class, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the College year.

Students who desire to pursue particular branches of study, are allowed to do so, if properly prepared in such branches to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following is a list of the subjects on which those desiring admission at the beginning of the Freshman year are examined:

LATIN.

Andrews & Stoddard's, or Harkness' Grammar.

Fischer's Manual of Latin Grammar and Composition—First Part.

Cæsar's Gallic War.

Two Books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian Law, for the poet Archias, and for King Deiotarus.

GREEK.

Hadley's Greek Grammar.
Whiton's, or Crosby's Greek Lessons.
Xenophon's Anabasis -three books.
Arnold's First Greek Book, entire.
Homer's Illiad—one book.
Prosody.

ENGLISH AND MATHEMATICS.

Arithmetic complete.
Algebra to Quadratic Equations.
Plane Geometry—three books.
Ancient and Modern Geography.
English Grammar and Spelling.
History of the United States.
In Latin and Greek a full equivalent to what is stated above will be received.

2. Suggestions in regard to preparation.

LATIN.

In preparing in Latin the student should give much more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended to both teacher and student. This book has better references to the standard Grammars of Harkness and Andrews than any American edition of the Latin Authors. It contains as much of Cæsar, Sallust and Cicero, as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Continental, as given in

Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATION.—The examination is conducted in writing.

GREEK.

The examination will be

I. Upon the Grammar.

Hadley's Grammar is used in the College, and its use is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including both accent and quantity.

II. Upon Arnold's First Greek book (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation.

In pronouncing prose the written accent must be followed. In Poetry strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Illiad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

MATHEMATICS.

In Arithmetic and Algebra the student should not only master the *principles* but acquire the *art* of the several processes. This is best done by solving many examples. To solve many easy examples is more profitable than a few difficult ones. Especial attention is requested to Common and Decimal Fractions and to Square and Cube Root.

Loomis' work, or the American editions of Legendre, are the best textbooks for preparation in Geometry.

ENGLISH GRAMMAR AND GEOGRAPHY.

A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is examined in spelling, and reading and punctuation. Ancient Geography should be studied in connection with the classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

HISTORY OF THE UNITED STATES.

Candidates for admission will hereafter be examined in the History of the United States, with special reference to the colonization of the several States, the forms of goverment which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation, and will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey, by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation, than to the particular book used.

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. LATIN—Cicero de Amicitia, Fischer's Manual of Composition.
2. GREEK—Xenophon's Memorabilia, or Homer's Odyssey, Arnold's Greek Prose Composition, Hadley's Greek Grammar, Written translations from Greek into English.
3. MATHEMATICS—Loomis' Algebra from Quadratic Equations.
4. NATURAL HISTORY—Dalton's Physiology, Lectures.
5. RHETORIC—Haven's Rhetoric, Lectures.

SECOND TERM.

1. LATIN—Livy, Fischer's Manual of Composition, Mythology (Eschenberg).
2. GREEK—Euripides' Alcestis, Greek Prose Composition, Greek Grammar, Written Translations.
3. MATHEMATCS—Loomis' Algebra completed, Loomis' Geometry from Book IV.
4. NATURAL HISTORY—Zoology, Agassiz and Gould.
5. ENGLISH LITERATURE—Shaw's Manual.
6. ELOCUTION—Lectures.

THIRD TERM.

1. LATIN—Cicero de Officiis, Fischer's Manual of Composition.
2. GREEK—Felton's Greek Historians, Prose Composition, Written Translations, Ancient Chronology (Eschenberg).
3. MATHEMATICS—Loomis' Geometry completed.
4. NATURAL HISTORY—Botany.
5. ENGLISH LITERATURE—Shaw's Manual and Lectures.

Sophomore Class.

Exercises during the year in Composition and Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. LATIN—Tacitus, Latin Composition.
2. GREEK—Felton's Greek Historians, Prose Composition, Written Translations.
3. MATHEMATICS—Conic Sections (Loomis).
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

SECOND TERM.

1. LATIN—Plautus, Horace, Latin Composition.
2. GREEK—Demosthenes on the Crown, Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Trigonometry, Plane and Spherical.
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

THIRD TERM.

1. LATIN—Quintilian, Latin Composition.
2. GREEK—Aristophanes' Clouds, Written Translations, Greek Antiquities, Lectures on Greek Literature.
3. MATHEMATICS—Surveying, with Field Practice.
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

Junior Class.

Exercises during the year in Composition and Original Declamation. Class each Sabbath morning.

FIRST TERM.

1. NATURAL PHILOSOPHY—Silliman's Physics and Lectures.
2. CHEMESTRY—Lectures on Inorganic Chemistry.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology, and Hamilton's Metaphysics.
4. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. MATHEMATICS—Loomis' Analytical Geometry.
 3. FRENCH.

SECOND TERM.

1. NATURAL PHILOSOPHY—Silliman's Physics and Lectures.
2. CHEMISTRY—Lectures on Inorganic Chemistry and Mineralogy.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Hamilton's Metaphysics and Lectures.
4. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK—Plato's Phædo a Contra Atheos.
 2. MATHEMATICS—Loomis' Calculus.
 3. FRENCH.

THIRD TERM.

1. ASTRONOMY—Lockyer's Astronomy.
2. CHEMISTRY—Lectures on Technology.
3. CONSTITUTIONAL HISTORY OF ENGLAND—Creasy.
4. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. MECHANICS—Analytical Mechanics.
 3. FRENCH.

Senior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. Chemistry—Lectures on Organic Chemistry.
2. Political Economy—Text Book and Lectures.
3. Moral Philosophy—Wayland and Hopkins; Lectures.
4. Hebrew—Extra.
5. Elective Studies—One of which is to be pursued.
 1. Greek—Elementa Logices Aristatelicae; Trendelenberg.
 2. Astronomy—Practical Astronomy, with use of instruments.
 3. Modern Languages—German.

SECOND TERM.

1. Chemistry—Lectures on Chemical Physics.
2. International Law—Text Book and Lectures.
3. Moral Philosophy—Butler's Analogy.
4. Hebrew—Extra.
5. Elective Studies—One of which is to be pursued.
 1. Latin.
 2. Geodesy—Lectures.
 3. Modern Languages—German.

THIRD TERM.

1. Geology—Lectures, Geological Excursion.
2. Architecture—Lectures.
3. Moral Philosophy—Butler's Analogy.
4. Logic—Thompson's Logic, Lectures.
5. Hebrew—Extra.
6. Electives Studies—One of which is to be pursued.
 1. Greek—Anthology.
 2. Logic—Lectures.
 3. Modern Languages—German.

3. Remarks on the Course of Study.

In arranging the above schedule of studies, an attempt has been made to assign to each of the branches of Learning in the schedule something like its due amount of time, and its proper order of succession. This has been done on the presumption that the greater number of those who pursue the course of study in the Classical Department, will enter some one of the learned professions, or if not, are still desirous of the same kind and quality of culture. The general theory of the arrangements is that up to the close of Sophomore year, all the studies should be obligatory, and of such a character as would be equally desirable whatever subsequent profession or career was chosen; and that during the Junior and Senior years there should be certain subjects required of all students, while in regard to others there should be an election depending upon the future intentions of the student.

LANGUAGES.

LATIN—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition are continually required of the student.

GREEK.—The Classical Greek authors are read during the Freshman and Sophomore year, but during the subsequent year a portion of the time is especially devoted to the study of the Greek Testament, and to giving a familiarity with it sufficient to read it with fluency.

FRENCH AND GERMAN are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors.

HEBREW.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive

Geometry, is optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations.

RHETORIC AND METAPHYSICS.

ELOCUTION.--During the Freshman year lectures are delivered on the general principles of Elocution. And a practical application of these principles is made by the appropiate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

ENGLISH LANGUAGE AND LITERATURE.—These subjects are taught by a text book, in connection with a course of lectures which are delivered to the Freshman Class.

RHETORIC is begun in the first term of the Freshman year, in order that the student may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

MENTAL PHILOSOPHY.—Hickok's Empirical Psychology and Hamilton's Metaphysics, are the guide-books in this department. But neither is implicitly followed. The aim is rather to arouse the student, by a diligent comparison of different authors, to investigate the open questions of Philosophy independently, and thus to train him to a comprehensive and cautious deliberation, as well as in adopting the conclusions of others, as in forming and advancing his own. As opportunity offers, lectures upon important topics are interspersed through the course.

LOGIC.—In connection with the use of Thompson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This department is under the care of the Voorhees Professor. His course begins in the Sophomore year with History. The Study of these subjects is resumed again in the last term of the Junior year, and is continued through two terms of the Senior. The course will consist of a study of text-books, with lectures and the writting of essays.

MORAL PHILOSOPHY AND THE EVIDENCES OP CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the scriptures--especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

SCIENTIFIC DEPARTMENT.

Rutgers Scientific School.

This department of the College, organized by the Trustees to meet the demand for scientific and practical education, has been designated by the Legislature of New Jersey, under act of Congress

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

In consideration of the income derived from the Agricultural College Land Endowment, and paid to the Trustees of Rutgers College, they receive into this department of the College, and educate free of expense for tuition a certain number of students from the State of New Jersey. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent for Schools in each county. They are distributed among the counties in proportion to their population as follows:

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		—
			40

In addition to the State pupils, the Scientific School receives all students from the State of New Jersey and other States who may desire and are prepared to pursue its course of study.

The Course of study has, by the concurrent action of the Board of Trustees and the Board of Visitors, been extended to four years, and includes a thorough education in Civil Engineering, Chemistry and Agriculture, Technology and Metallurgy, History, Political Economy, Constitutional Law Mental and Moral Philosophy.

1. Conditions for Admission.

Every applicant for admission must be sixteen years of age, and must submit to the President testimonials of a good moral character. If an applicant for a State scholarship he must also present to the President the certificate from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz.: on Saturday, Monday and Tuesday preceding commencement, June 17th, 19th and 20th, beginning at 9 o'clock A. M., in the President's room. Applicants for admission may also be examined on Tuesday and Wednesday, September 19th and 20th, at the same hour and place.

Students may also enter an advanced class either at the beginning of the College year or at other times, on condition they pass an examination both on the preliminary studies and on those passed over by the class.

Provision is made for such students as wish to pursue special branches in the Institution; provided only they are fitted by previous preparation to go on with the classes in their studies.

The following are the subjects on which those desiring to enter the lowest class of the Scientific Department are examined. As they are all such as can be acquired in our very best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete.
2. Algebra to Quadratic Equations.
3. Plane Geometry—three books.
4. English Grammar—including spelling.
5. Descriptive Geography.
6. Physical Geography.
7. History of the United States.

2. Courses of Study.

Two distinct courses of study are included in the Schedule which follows: I. A COURSE IN CIVIL ENGINEERING AND MECHANICS. II. A COURSE IN CHEMISTRY AND AGRICULTURE. During the first and second years the study of the two courses are the same, and are designed to finish a suitable introduction to the pursuit of the higher branches of either course.

During the remainder of the time the subjects of Higher Mathematics and Mechanics, and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory and Agriculture, in the other. The remaining subjects the students of both courses pursue together.

COURSE OF STUDY.

ADOPTED BY THE BOARD OF TRUSTEES, AND APPOINTED TO GO INTO EFFECT SEPTEMBER, 1871.

Freshman Year.

General Exercises during the year in Composition and Declamation.
Bible Class on the Sabbath.

FIRST TERM.

1. FRENCH.
2. MATHEMATICS—Loomis' Algebra from Quadratic Equations.
3. PHYSIOLOGY—Dalton's Physiology.
4. RETHORIC—Haven's Rhetoric,
5. DRAUGHTING—Construction of Problems.

SECOND TERM.

1. FRENCH.
2. MATHEMATICS—Loomis' Geometry from Book IV.
3. ZOOLOGY—Agassiz and Gould's Zoology.
4. ELOCUTION—LECTURES.
5. ENGLISH LITERATURE—Shaw's Manual.
6. DRAUGHTING.

THIRD TERM.

1. FRENCH.
2. MATHEMATICS—Loomis' Trigonometry, plane and spherical.
3. BOTANY.
4. ENGLISH LITERATURE—Shaw's Manual.
5. DRAUGHTING.

Sophomore Year.

General Exercises durnig the year in Composition and Declamation.
Bible Class on the Sabbath.

FIRST TERM.

1. SURVEYING, with Fieid Exercises.
2. DESCRIPTIVE GEOMETRY—Church.
3. CHEMISTRY—Lectures.
4. MENTAL PHILOSOPHY—Haven's Mental Philosophy.
5. HISTORY—Modern History; Weber's Outlines.

SECOND TERM

1. ROAD MAKING—Gillespie.
2. DESCRIPTIVE GEOMETRY—Cnurch
3. CHEMISTRY—Lectures.
4. MENTAL PHILOSOPHY—Haven's Mental Philosophy.
5. HISTORY—Modern History; Weber's Outlines.

THIRD TERM.

1. LEVELLING AND RAILROAD CURVES—Henck's Field Book; Field Practico .
2. SHADES, SHADOWS AND PERSPECTIVE.
3. CHEMISTRY—Lectures.
4. MENTAL PHILOSOPHY—Lectures.
5. HISTORY—Creasy's Constitutional History of England.

Junior Year.

General Exercises during the year in Composition and Original Declamation. Bible Class on the Sabbath.

FIRST TERM.

1. GERMAN.
2. ANALYTICAL GEOMETRY—Church.
3. NATURAL PHILOSOPHY—Silliman.
4. HISTORY OF CIVILIZATION AND CONSTITUTIONAL HISTORY OF THE UNITED STATES.

COURSE IN CHEMISTRY AND AGRICULTURE. (Instead of No. 2).

2. ANALYTICAL CHEMISTRY AND MINERALOGY WITH LABORATORY PRACTICE.

SECOND TERM.

1. GERMAN.
2. DIFFERENTIAL AND INTEGRAL CALCULUS—Church.
3. NATURAL PHILOSOPHY—Silliman.
4. POLITICAL ECONOMY AND CONSTITUTIONAL HISTORY OF THE UNITED STATES.

COURSE IN CHEMISTRY AND AGRICULTURE. (Instead of No. 2

2. ANALYTICAL CHEMISTRY WITH LABORATORY PRACTICE. AGRICULTURE.

THIRD TERM.

1. GERMAN.
2. MECHANICS—Bartlett.
3. ASTRONOMY—Lockyer.
4. INTERNATIONAL LAW.

COURSE IN CHEMISTRY AND AGRICULTURE. (Instead of No. 2).

2. ANALYTICAL CHEMISTRY WITH LABORATORY PRACTICE. VEGETABLE PHYSIOLOGY.

Senior Year.

General Exercises during the year in Composition and Original Declamation. Bible Class on the Sabbath.

FIRST TERM.

1. MECHANICS—Bartlett.
2. GEODESY—Theory and Practice of Triangulation.
3. CHEMISTRY—Lectures on Organic Chemistry.
4. MORAL PHILOSOPHY.

COURSE IN CHEMISTRY AND AGRICULTURE. (Instead of Nos. 1 and 2).

1. MINING AND METALLURGY.
2. PRINCIPLES OF AGRICULTURE—Farm Accounts.

SECOND TERM.

1. ENGINEERING—Mahan.
2. GEODESY. PRACTICAL ASTRONOMY.—Indeterminate Analysis.
3. CHEMICAL PHYSICS.
4. MORAL PHILOSOPHY.

COURSE IN CHEMISTRY AND AGRICULTURE. (Instead of Nos. 1 and 2).

1. CHEMISTRY AND LABORATORY PRACTICE.
2. AGRICULTURE—Its Method and Product.

THIRD TERM.

1. ENGINEERING—Railway Practice.
2. ARCHITECTURE—Lectures.
3. GEOLOGY—Lectures and Geological Excursion.
4. MORAL PHILOSOPHY.

COURSE IN CHEMISTRY AND AGRICULTURE. (Instead of No. 1).

1. ANIMAL PHYSIOLOGY.

3. Remarks on the Course of Study.

The Trustees have extended the Course in this Department from three years to four. The number and difficulty of the subjects to be pursued have rendered it necessary. It is designed with this increase in time to give much increased facilities in the field exercises, and practical manipulations in the subjects pursued. Along with this correspondence of time between the Classical and Scientific Departments, the names of the Classes have also been made to correspond.

In the literary exercises of this Department in Composition and Declamation, and in other exercises, when it is possible, the students pursue them in connection with the students of the Classical Department.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is arranged so as to meet the wants of those who cannot take the entire three years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course receive from the Faculty a certificate of their attainments.

Special students are received to pursue any part of the above course, and provision is made for them, especially in Chemistry in the Laboratory, and in Mathematics and Surveying.

In accordance with the requirements of the Law, the students in this Department are regularly drilled in Military Tactics by the Military Superintendent, Col Kellogg. Arms and accoutrements for this purpose are furnished by the Quarter-Master-General of the State.

EXAMINATIONS.

The examination of the classes in both departments take place at the end of each term. They are conducted in part orally and in part in writing, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms the examinations of the classes of the Scientific School are held in the presence of the Board of Visitors, who make their semi-annual visits to the institution at that time.

At the examination at the end of the third term, each member of the Graduating Class of the Scientific School shall read before the Board of Visitors a thesis on some scientific subject, a copy of which shall be written out and deposited in the Library of the College.

The final examination of the Graduating Class is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for commencement.

GRADUATION.

On the Sabbath before Commencement Day the President Preaches before the Graduating Classes his Baccalaureate Sermon.

To all members of the Graduating Class of the Classical Department in full and regular standing the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Classes, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The members of the Graduating Classes, appointed to that duty by the Faculty, will deliver orations on Commmencement Day.

REGULATIONS.

1. The recitation hours extend from 9 o'clock A. M. to 1 o'clock P. M., during five days of the week.
2. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8.40 o'clock.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon or evening at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during the terms without permission from the President.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one-third of the term.
9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one-half of the maximum grade in all his studies, he shall be dismissed from College.

12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.

13. When a student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent to the parent, and the student admonished by the President. When twenty-four are recorded against him, he shall be dismissed from the College.

14. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures: provided, that, in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may at their discretion grant an extension of time for making up the omitted work.

COLLEGE EXPENSES.

FEES IN THE CLASSICAL DEPARTMENT.

Tuition per annum,	$60 00
Incidental Expenses per annum,	8 00
Admission Fee,	5 00
Graduation Fee,	7 50

FEES IN THE SCIENTIFIC DEPARTMENT.

Tuition per annum,	$75 00
Incidental Expenses per annum,	8 00
Admission Fee,	5 00
Graduation Fee,	7 50

Of the above expenses the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the the tuition fees one-third is payable at the beginning of each term, viz. $20 in the Classical, and $25 in the Scientific Department.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus.

BOARD.

Board with furnished rooms can be obtained in New Brunswick at the present time for $4 to $6 per week; board without rooms for $3 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz.: at an expense of $34 per annum, payable one-half at the beginning of the first term and one-half at the beginning of the second term. The rooms are heated but not lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs students are able to reduce, somewhat, their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This fund, the gift of Rev. Elias Van Benschoten in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church, and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually. One hundred and twenty-five clergymen have been educated on this fund.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The Late William P. Smock, of Marlborough, N. J., left by his will to the Trustees of Rutgers College the sum of $500 to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-mile Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendent for schools. The appointment gives the *right* to a course of instruction of three years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some evangelical church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D. D., of New Brunswick, N. J.

8. Rooms in Peter Hertzog Hall.

Such rooms in the Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

PRIZES AND HONORS.

1. Suydam Prize for Composition.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the president for Preservation in the Library, before he can receive the prize.

Subject for 1871, "Macauley as on historian."

Committee, HON. G. B. ADRAIN,
REV. ALFRED BRUSH,
REV. FRANCIS M. HORTON.

2. Suydam Prize in Natural Science.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum of money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

Committee for 1871, REV. GARRET C. SCHANCK,
HENRY R. BALDWIN, M. D.,
REV. SAMUEL LOCKWOOD.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL. D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prizeman shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject for the essay for 1871, The Tusculan Disputations.

Subject of the examination for 1871, The Fifth Book of the Tusculan Disputations.

Committee, REV. WILLIAM CORNELL,
PROF. GUSTAVUS FISCHER,
REV. C. D. HARTRANFT.

4. Bradley Mathematical Prize.

This prize is given by Joseph P. Bradley, LL. D., and consists of a valuable Mathematical work, which is to be bestowed on that student of the Senior Class who shall have made the greatest proficiency in Mathematics.

Committee for 1871, JOHN BOGART, A. M.
C. H. BRINKERHOFF, ESQ.,
HENRY WATERS, ESQ.

5. Myron W. Smith Prizes

These prizes are founded by Lyndon A. Smith, M. D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1871, RUSH VAN DYKE, M.D.,
EDWARD S. VAIL, ESQ.,
REV. WILLIAM V. KELLY.

6. Schermerhorn Prize for Composition.

This prize, the gift of J. W. Schermerhorn, A. M., consists of $25.00 worth of books at wholesale prices, selected by the recipient, and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1871, 'Literary Revivals."

Committee, GARRET D. VROOM, ESQ.,
REV. DAVID SUTPHEN.,
ANDREW KIRKPATRICK, ESQ.,

7. Prize for Mineralogy.

A prize, consisting of 100 species of minerals, arranged and assorted in a case, was offered to the member of the graduating classes of 1869 and 1870, in the Scientific School, who should be able to identify and name the largest number of them. The same offer is renewed to the graduating class of 1871.

8. Thesis Prizes.

Two prizes of books, whose value shall not be less than $15 and $10, respectively, were offered in 1869 and 1870, for the best and second best thesis of the graduating class of the Scientific School. The same offer is renewed for the graduating class of 1871.

9. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Pelthessophian and Philoclian Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by the Faculty, and is based upon relative excellence as writers and speakers.

10. Commencement Honors.

The four members of the Senior Class standing highest in grade of scholarship, and ranked according to their relative standing, are appointed to deliver at Commencement the four following special orations:

1. The Valedictory.
2. The Latin Salutatory,
4. The English Salutatory.
4. The Philosophical Oration.

The appointments are based upon the records of scholarship kept during the successive terms of the College course.

11. Reports of Scholarship.

At the close of each term reports of the scholarship maintained during the term in each subject, are made up from the records and transmitted to the parents or Guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

LIBRARY AND MUSEUM.

1. Library.

The Library of the College is open for consultation every Friday from 3 to 4.30 P. M. The collection of books, although entirely inadequate to the wants of the institution, is yet of great value. It has received considerable additions during the past two years, and no effort will be spared to make it what the institution requires. Donations to this object either in money or books, are earnestly solicited.

By the gift of a permanent fund of $1000 from James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Museum has come into possession of the Cabinet of Coins, Minerals and Curiosities, bequeathed to it by the will of the late James B. Laing, Esq., of Kinderhook. The Collection is a very valuable one, and goes far towards supplying some of the most pressing wants of the museum.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. Greatly increased facilities are contemplated in the Building to be erected by the Board of Trustees from the funds realized from the Centennial Endowment. The same building will furnish the much needed room for the museum.

WANTS OF THE COLLEGE.

1. Chapel.

The number of students has already so increased that the present Chapel is scarcely adequate to contain them. It is entirely inadequate to occasions when a public audience is to be accommodated. A building which will contain suitable rooms for a Chapel and Library is imperatively demanded, and ought to erected by September, 1871. A fund of $40,000 is wanted for this purpose.

2. Grammar School.

The Trustees have expended $15,000 in providing accommodations for the Grammar School. To do this the funds had to be withdrawn from other purposes where they are greatly needed. A donation to this amount is wanted.

3. Enlargement of the Library.

A present addition to the Books of the Library is essential to the progress of the Institution. Both Professors and students require works of reference and standard works in the various departments of learning which are entirely beyond their priqate means. A permanent fund also is wanted from the income of which to make yearly additions to the Library, and to bind up and keep in order what has been accumulated.

4. Lectureship.

A fund of $10,000 is wanted to found a course of eight lectures to prove the truth of Christianity against infidels, and to answer new difficulties and scruples, to be delivered every year at New Brunswick by a clerical Alumnus of Rutgers College.

REGISTER.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, FEB. 22, 1870.

LIST OF CONTESTANTS AND PRIZE MEN.

WILLIAM J. LEGGETT,	Hudson, N. Y., *First Prize.*
BENJAMIN C. MILLER, JR.,	Newark, *Second Prize.*
THOMAS CLEMENS,	Millstone.
JAMES S. N. DEMAREST,	New Brunswick.
JOHN A. KOONES,	New York City.
HENRY S. ROCKENBAUGH,	New York City.
CHARLES H. STEELE,	New Brunswick.
MARTIN NEVIUS WYCKOFF,	Middlebush.

2. Junior Exhibition

ORATORS FOR 1869.

Peithessophian Society.

JOSEPH FISCHER, New Brunswick,	Voices of the Dead.
RUDOLPH C. OAKLEY, Rahway,	Progress of Freedom.
W. P. VOORHEES, New Brunswick,	Desire for Remembrance.
EDWIN B. WILLIAMSON, Newark,	The Period.

Philoclean Society.

EZRA D. DE LAMATER, Hudson, N. Y.	The Church.
HALEY FISK, JR., New Brunswick,	Spirit of Radicalism.
C. F. VAN INWEGEN, Port Jervis, N.Y.,	Independence.
J. H. WYCKOFF, New Brunswick,	Self Control.

3. Graduating Exercises.

BACHELORS OF ARTS, 1870—ORATIONS.

Alexander Johnson, Peoria, Ill.,	Valedictory Oration.
R. Augustus Pearse, Lishas Kill, N. Y.,	Latin Salutatory.
Charles K. Jones, Brooklyn, N. Y.,	English Salutatory.
Luther Barton, New Brunswick,	Philosophical Oration.
Asher Anderson, Peekskill, N. Y.,	What we Need.
Frederick A. Canfield, Dover, N. J.,	What?
Geo. G. Frelinghuysen, Newark, N. J.,	Treasures of Nature.
George R. Garretson, Jersey City,	National Faults.
John R. Kaley, Albany, N.Y.,	Mental Anarchy.
L. Laflin Kellogg, New York City,	Triumph of Faith.
D. M. Knickerbocker, Hudson, N. Y.,	Specialities.
Calvin E. Lasher, Catskill, N. Y.,	Public Opinion.
John H. Leupp, New Brunswick,	Influence.
John F. McLaury, Delhi, N. Y.,	Forward.
Nicholas Pearse, Lishas Kill, N. Y.,	Self.
Jacob W. Schenck, New Brunswick,	Influence of Art.
Graham Taylor, Newark, N. J.,	Our Charter.
Thomas M. Trego, New Baltimore, N. Y.,	Patriotism.
Abraham Van Horn, Jersey City,	Wide, Wide World.
James C. Weston, New Brunswick,	Whether or No.

BACHELORS OF SCIENCE, 1870—THESES.

William Clark, Mattawan,	The Bridge over the Raritan, at New Brunswick.
Charles C. Haven. Jr., Trenton,	Pneumatic Transit.
Harry Crockett Ives, Newark,	Road-Making, with a description of the Telford Pavement laid in Orange, N. J.,
George Edward Sealy, Newark,	Mines.
Douwe D. Williamson, New Brunswick,	Town's Bridge Truss, with a calculation of the strain on the Landing Bridge at New Brunswick.

PRIZES AWARDED

Brodhead Prize for Classics,	Alexander Johnson.
Suydam Prize for Natural Science,	Frederick A. Canfield.
Suydam Prize for Composition,	R. Augustus Pearse.
Bradley Prize for Mathematics,	Frederick A. Canfield.
Prize for Mineralogy,	William Clark.
Prize for best Thesis,	William Clark.
Prize for second best Thesis,	C. C. Haven, Jr.
Schermerhorn Prize for Composition,	J. W. Conklin. Haley Fisk, Jr.
Myron W. Smith Prize for Oratory, best,	William J. Leggett.
" " " " 2d "	Benjamin C. Miller, Jr.
Van Doren Prize for Essay on Missions.	Asher Anderson.

MASTER'S ORATION.

William P. Wilson, New Brunswick.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James Le Fevre.	1861—William P. Mesick.
1855—Isaac L. Kip.	1862—Francis A. Horton.
1856—George V. N. Baldwin.	1863—William Smith.
1856—Silas D. Scudder.	1864—William H. Leupp. Jr.
1857—Jas. W. Schermerhorn.	1865—William De Hart.
1857—Benjamin C. Sears.	1866—John G. Van Slyke.
1858—Robert O. Currie, Jr.	1867—Peter L. Vanderveer.
1859—T. Sanford Doolittle.	1868—Vernon B. Carroll.
1860—Dupuytren Vermilye.	1869—William E. Griffis.

1870—R. Augustus Pearse.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.	1857—D. Ten Broeck Reiley.
1855—Milton A. Fowler.	1858—John B. Drury.
1856—Josiah Jansen.	1859—William Cornell.

1860—Dupuytren Vermilye.
1861———————.
1862—Abram Q. Garretson.
1863—Joseph M. Dixon
1864—N. I. Marsellus Bogert
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Vanderveer.
1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.
1869—Martin Bahler.
1870—Alexander Johnson.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marsellus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin C. Nevius.
1868—Edward Benedict.
1869—Martin Bahler.
1870—Frederick A. Canfield.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1866	Archibald Mercer.	Vernon Bond Carroll.
1867	John Talmage Van Cleef.	William Elliot Griffis.
1868	Willet Denike, Jr.	George R. Garretson.
1869	W. H. Lawrence.	C. F. Van Inwegen.
1870	Wm. J. Leggett.	Benjamin C. Miller, Jr.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—William Elliot Griffis.
1869—R. A. Pearse.
1870—J. W. Conklin. Haley Fisk Jr.

5. Honorary Degrees.

DOCTOR OF DIVINITY.

June 21, 1870.—Rev. William H. Ten Eyck, Astoria, N. Y.
" " Rev Giles H. Mandeville, Harlem, N. Y.
" " Rev. John B. Thompson, Saugerties, N. Y.
" " Rev. John McC. Holmes, Hudson, N. Y.
" " Rev. Samuel A. Clark, Elizabeth, N. J.
" " Rev. Robert B. Croes.

DOCTOR OF LAWS.

" " Hon. Henry Hogeboom, Hudson, N. Y.
" " Hon. James R. Ludlow, Philadelphia, Penn.
" " Hon. Charles J. Folger, New York City.

MASTER OF ARTS.

" " Robert S. Woodruff, Trenton.
" " John M. Welch, Hudson.

BACHELOR OF ARTS.

" " Rev. Elias Mead, Coeymans, N. Y.

BACHELOR OF SCIENCE.

" " Rev. John Stanley Ferguson, New Brunswick.

6. Alumni Association.

OFFICERS FOR THE YEAR 1870—71.

Gen. George H. Sharp,	President.
Jonathan Dixon, Jr., Esq.,	Vice-President.
Rev. John L. See, D. D.,	Secretary.
Henry R. Baldwin, M. D.,	Curator.

7. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1870-71.

Prof. George H. Cook,	President.
Prof. Geo. W. Atherton,	Vice President.
Prof. Jacob Cooper,	Corresponding Secretary.
Prof. T. S. Doolittle,	Judge of Composition.
Isaac E. Hasbrouck,	Treasurer.
Charles K. Jones,	Recording Secretary.
Jacob W. Schenck,	Registrar.

MEMBERS ELECTED.

FROM THE CLASSES OF 1870.

Luther Barton,	L. Laflin Kellogg,
Alexander Johnson,	Nicholas Pearse,
Charles K. Jones,	R. Augustus Pearse,
Jacob W. Schenck,	
William Clark,	Taro Kusakabe.

FROM THE CLASS OF 1871.

Charles Francis Van Inwegen, Willard P. Voorhees.

NECROLOGY..

REV. JAMES B. HARDENBERGH, D. D.

Dr. Hardenbergh in order of appointment was next to Dr. Van Deursen, of New Brunswick, the oldest member of the Board of Trustees. He was appointed a Trustee in 1825, at the beginning of the Presidency of Dr. Milledoler. He was born June 28, 1800, and died January 22, 1870. He graduated at Union College in 1821, and at the Theological Seminary at New Brunswick, in 1824. In 1825 he became pastor of the First Reformed Church in New Brunswick, and removed to New York, to the Orchard Street Church. In 1830 he removed to Rhinebeck, N. Y., and in 1836 to Philadelphia, and in 1840 again to New York, where he remained till 1856. He resigned his charge on account of infirm health, and never afterward resumed the pastorate. He was an active and useful man in the various relations in which he stood to the Church and the College, and so far as his health permitted, continued even to the end of his life his useful labors.

REV. JOHN VAN LIEW.

He was one of the oldest graduates of the College. He graduated in 1816, when the Institution was still Queens College. His Thelogical studies were pursued at the Seminary under Dr. Livingston, when he graduated in 1820. He was settled at Meadville, Pa., 1820—23; at Mendham, N. J., 1824—25; at Readington from 1826 till his death, in 1869.

REV. JOHN G. JOHNSON.

He died at Upper Red Hook, N. Y., July 8, 1870. He was born at Nittaney Valley, Pennsylvania, January 22, 1814, and was therefore in the fifty-seventh year of his age. He graduated from Rutgers College in 1836, having been a classmate of Judge Bradley, Senator Frelinghuysen, Hon. Cortlandt Parker, and Professor Coakley. He graduated from the Seminary of the Reformed Church in 1839. He had only two settlements in his ministry; the first being at Glenham, N. Y., from 1839 to 1846, and his second at Upper Red Hook, N. Y., from 1846 till his death. His life was one of great devotion to his profession, and of consequent usefulness. He was a friend of every good cause, and earnest in his efforts for their advancement. Among his last appearances in public was at the celebration of the centennial of Rutgers College. His zeal in behalf of the full endowment of the College, and his earnest and enthusiastic appeal to his fellow-graduates on that occasion, must still be well remembered.

GRAMMAR SCHOOL.

REV. DEWITT T. REILEY, A. M., RECTOR,
ROBERT S. WOODRUFF, JR., PRINCIPAL.

Location.

This institution is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is near good boarding houses, play grounds, etc., and is within two minutes walk of the Rail Road Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain, under the oversight of teachers in a room provided for the purpose, until the proper train starts. The building occupied by the Grammar School is large and commodious, well ventilated, with abundance of room for recitation, drill, gymnastics, cabinets, etc. It has just been enlarged to three times its former size, and fronts the Campus and College Avenue.

A large and pleasantly situated dwelling, with eight acres of ground is now the property of the Rector, and is occupied for boarding pupils, under his immediate charge. Pupils, however, whose parents wish them to board in town, will have the Rector's care and attention given them, in the houses at which they board.

Plan of Grading and Studies.

The following diagram will show the plan of the three courses: Business, Classical and High School.

5th Class—ELEMENTARY STUDIES.
4th Class— " "

3d College Class,	*B. Business Class*,
LATIN BEGUN.	BOOK-KEEPING BEGUN.
2d College Class,	*A. Business Class*
GREEK AND LATIN.	SPECIAL BUSINESS STUDIES.
1st College Class,	*High School Class*,
ENTER COLLEGE, AT END OF YEAR.	HIGHER STUDIES—DIPLOMA.

In the two lower classes the course is the same for both those who intend to prepare for College and those who desire a business education. The Business Course occupies two years and comprises those studies which fit the student for practical business. This course also fits the student for entering the Scientific School of Rutgers College. An additional year is also provided for those who wish to continue their studies.

Latin is begun in the third year of the Classical Course, and Greek in the fourth. At the end of this course the student is prepared to enter the Freshman Class of the College. When students of unusual dilligence and ability desire to prepare for College in a shorter time facilities for that purpose are provided.

A Preparatory Department for boys from six to twelve years of age has recently been opened under the charge of a lady teacher.

A competent instructor in physical training is employed in the school for drilling the students. A room in the building is provided for this purpose.

The hours of attendance are from 8:20 A. M. to 1:30 P. M. For absence, tardiness, or failures in recitations, *written* excuses are expected from parents or guardians.

The School Year begins September 7th, 1870.

TERMS:

Preparatory School - - - - .	$9	per quarter of ten weeks.,	
Grammar School—English branches, -	12	"	"
Latin, including above,	15	"	"
Greek - - -	17	"	"
Incidentals - -	1	per session.	

The tuition is to be paid at the beginning of each session, in sums proportioned to the length of the session. No deduction for absence unless occasioned by protracted sickness. There is no extra charge except for French.

Board, Tuition, Fuel and Light, $100 per quarter of Ten weeks.

No extras, except for washing, attendance of a physician, and studies not in the regular course. Each pupil must bring napkins, towels, napkin-rings, fork and spoon (plated). All articles must be marked with the full name.

CALENDAR,

1870-71.

1870.	June 22,	Wednesday. Commencement. Vacation.
"	September 20,	Tuesday. First Session begins.
"	December 21,	Wednesday. First Session ends. Vacation.
1871.	January 5,	Thursday. Second Session begins.
"	February 22,	Wednesday. Sophomore Exhibition.
"	April 5,	Wednesday. Second Session ends. Vacation.
"	April 13,	Thursday. Third Session begins.
"	May 22, 23,	Monday and Tuesday. Senior Examination.
"	June 18,	Sunday. Baccalaureate Sermon by the President.
"	June 17, 19, 20,	Saturday, Monday, Tuesday. Examinations for admission.
"	June 20,	Tuesday. Exercises of the Literary Societies.
"	June 20,	Tuesday Evening. Junior Exhibition.
"	June 21,	Wednesday. Commencement Vacation.
"	September 20,	Wednesday. First Session begins.
"	September 19, 20,	Tuesday and Wednesday. Examinations for admission.
"	December 20,	Wednesday. First Session ends. Vacation.
1872.	January 4,	Thursday. Second Session begins.

LIBRARY OF THE UNIVERSITY OF MICHIGAN

CATALOGUE

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1871–'72.

CALENDAR.

1871-72.

1871.	June 21,	Wednesday. Commencement. Vacation.
"	September 20,	Wednesday. First Session begins.
"	December 20,	Wednesday. First Session ends. Vacation.
1872.	January 4,	Thursday. Second Session begins.
"	February 22,	Thursday. Sophomore Exhibition.
"	April 3,	Wednesday. Second Session ends. Vacation.
"	April 11,	Thursday. Third Session begins.
"	May 20, 21,	Monday and Tuesday. Senior Examination.
"	June 16,	Sunday. Baccalaureate Sermon by the President.
"	June 15, 17, 18,	Saturday, Monday, Tuesday. Examinations for admission.
"	June 18,	Tuesday. Exercises of the Literary Societies.
"	June 18,	Tuesday Evening. Junior Exhibition.
"	June 19,	Wednesday. Commencement. Vacation.
"	September 20,	Friday. First Session begins.
"	September 19, 20,	Thursday and Friday. Examinations for admission.
"	December 18,	Wednesday. First Session ends. Vacation.
1873.	January 2,	Thursday. Second Session begins.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

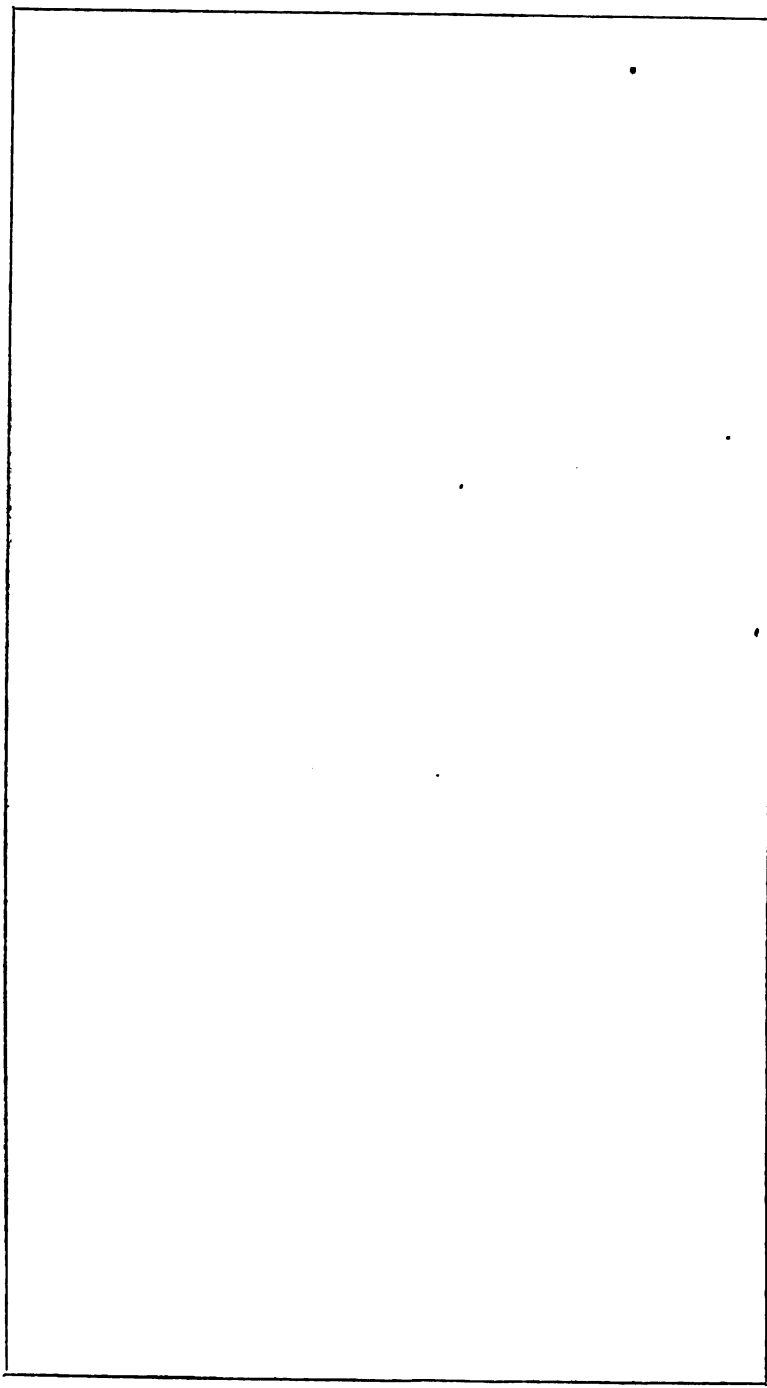
RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1871-72.

FOUNDED A. D. 1770.

NEW BRUNSWICK, N. J.:
TERHUNE & VAN ANGLEN'S PRESS, 31 ALBANY STREET.
1871.



TRUSTEES.

EX-OFFICIO.

His Excellency, Theodore F. Randolph, Morristown,

Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL. D., Trenton,

Chief-Justice of the State of New Jersey.

Hon. ROBERT GILCHRIST, Jersey City,

Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WM. H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
WILLIAM VAN DEURSEN, M.D.,	New Brunswick,	Nov. 14, 1823
Hon. PETER D. VROOM, LL.D.,	Trenton,	July 15, 1828
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. PETER VREDENBURG,	Freehold,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
J. ROMEYN BRODHEAD, LL.D.,	New York City,	April 12, 1853

NAMES.	RESIDENCES.	DATE OF ELECTION.
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Po'keepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July 27, 1853
JAMES SUYDAM, Esq.,	New York City,	Sept. 27, 1853
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	Ithaca, N. Y.,	June 29, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Newark,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N. Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Po'keepsie, N. Y.,	Apr. 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Albany, N. Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N. Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N. Y.,	April 13, 1871
SAMUEL SLOAN, Esq.,	New York City,	June 20, 1871

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board*,
New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer*,
Office—39 Albany Street, New Brunswick.

PHILIP A. SCHMIDT, *Janitor*.

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT.)
THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,
(VICE-PRESIDENT.)
Professor of Chemistry, Natural History and Agriculture.

REV. DEWITT TEN BROECK REILEY, A. M.,
Professor of the Latin Language and Literature, and Rector of the Grammar School.

DAVID MURRAY, A. M., PH. D.,
Professor of Mathematics, Natural Philosophy and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, A. M.,
COLLEGIATE CHURCH *Professor of Rhetoric, Logic and Mental Philosophy.*

REV. JACOB COOPER, PH.D.,
Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A. M.,
Professor of Mining and Metallurgy.

GEORGE W. ATHERTON, A. M.,
VOORHEES *Professor of History, Political Economy and Constitutional Law, and Military Superintendent.*

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A. M.,
Professor of Analytical Chemistry.

EDWARD A. BOWSER, M. S.,
Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A. M.,
Tutor in Mathematics.

GEORGE W. ATHERTON, A. M.,
Librarian.

ISAAC EDGAR HASBROUCK, A. M.,
Assistant-Librarian.

Students During the Year

ENDING JANUARY 1, 1872.

Senior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
THOMAS CLEMENS,	Millstone,	25 New St.
JAS. S. NEVIUS DEMAREST,	New Brunswick,	Seminary Place.
CHARLES ARNDT DUNHAM,	New Brunswick,	157 Neilson St.
GEORGE SHARPE DURYEE,	Newark,	Newark.
EDWARD D. GILMORE,	Brooklyn, N. Y.,	25 New St.
WILLIAM H. HOFFMAN,	High Bridge,	40 Hertzog Hall.
GEORGE HALL LARGE,	Whitehouse,	79 George St.
WILLIAM JAMES LEGGETT,	Hudson, N. Y.,	French & Scott Sts.
BENJAMIN C. MILLER, Jr.	Newark,	Newark.
GEORGE ADAM RIES,	Coytesville,	48 Hertzog Hall.
HENRY S. ROKENBAUGH,	New York City,	79 George St.
LOUIS J. RYERSON,	Bloomingdale,	Hamilton St.
CHARLES HENRY STEELE,	New Brunswick,	106 George St.
GEORGE HENRY STEVENS,	Albany, N. Y.,	74 George St.
EDWARD W. STRONG,	New Brunswick,	Hamilton St.
JOHN ALFRED VAN NESTE,	Griggstown,	40 Hertzog Hall.
CHARLES WHARTON,	Newark,	Newark.
MARTIN NEVIUS WYCKOFF,	Middlebush,	Middlebush.

Senior Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
Edward Fuller Brooks,	Greenwich,	67 Church St.
Joseph Burroughs,	Trenton,	145 Neilson St.
Albert Stanburrough Cook,	Montville,	67 Church St.
Jacob Bell Cornell,	Somerville,	Somerville.
Theo. Frelinghuysen Cornell,	Somerville,	Somerville.
Joseph Rose Dennis,	Newark,	Left College.
James Mapes Dodge,	New York City.	
Charles Heath,	Newark,	Newark.
John W. Herbert, Jr.,	Marlboro,	57 Albany St.
William Edward King,	Drakeville,	14 French St.
George Boardman Ogden,	Bridgeton,	67 Church St.
Frederic James Potter,	Rahway,	41 Schureman St.
James Fitz Randolph,	Morristown,	79 George St.
Charles H. Vannier,	Brooklyn, N. Y.,	67 Church St.
Richard Lovell Williams,	Rahway,	Rahway.

Junior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
ROBERT ADRAIN,	New Brunswick,	Somerset St.
FREDERICK E. ALLEN,	Madison,	42 Hertzog Hall.
MADISON MONROE BALL,	Berne, N. Y.,	Left College.
JOHN D. BENNET,	Tyre, N. Y.,	153 George St.
HERBERT BOGGS,	Newark,	55 Albany St.
FLETCHER CLARK,	Albany, N. Y.,	17 George St.
GEORGE H. CLEVELAND,	Brooklyn, N. Y.,	64 Schureman St.
WILLIAM W. COOK,	Richboro, Pa.,	112 New St.
GEORGE REILEY DIXON,	Grahamville, N. Y.,	42 Hertzog Hall.
CHARLES P. DORRANCE,	Freehold,	62 Schureman St.
JOSEPH ALEX. HARPER,	New Brunswick,	Raritan Park.
HOWARD HARRIS,	Montclair,	63 Bayard St.
DANIEL T. HAWXHURST,	Marlboro,	58 Albany St.
WILLIAM HILLHOUSE,	New Brunswick,	College Av.
PETER V. HUYSSOON,	Paterson,	30 Hertzog Hall.
GEO. S. KNICKERBOCKER,	Upper Red Hook, N.Y.,	31 Paterson St.
BLOOMFIELD LITTELL,	Orange,	62 Church St.
ADRIAN V. MARTENSE,	Flatbush, L. I.,	63 Bayard St.
ABRAM IRVING MARTINE,	Nyack Turnpike, N. Y.,	44 H. Hall.
CHARLES H. MILLSPAUGH,	Albany N. Y.,	153 George St.
ALBERT DOD MINOR,	Glenville, N. Y.,	80 Paterson St.
WILLIAM HENRY PAGE,	New Brunswick,	117 Neilson St.
JOHN DEWITT PELTZ,	New Paltz, N. Y.,	Seminary Place.
CHARLES W. PITCHER,	South Branch,	32 Hertzog Hall.
CLAUDIUS ROCKEFELLER,	Germantown, N. Y.,	French & Scott Sts.
JOHN RYLEY,	New Brunswick,	8 Hertzog Hall.

NAMES.	RESIDENCES.	ROOMS.
Isaac S. Schenck,	New Brunswick,	74 Bayard St.
Fitz Randolph Stewart,*	Brooklyn, N. Y.	
Joseph W. Sutphen,	New Brunswick,	Neilson Ave.
Alexander Gulick Van Aken,	New Brunswick,	56 Church St.
Ira Van Allen,	Bethlehem Centre, N. Y.,	Ham. St.
S. Oakley Vanderpoel, Jr.,	Albany, N. Y.,	74 George St.
Jacob Van Fleet,	New Brunswick,	59 French St.
Peter V. Voorhees,	Six-Mile Run,	Six-Mile Run.
Henry d'Eresby Weston,	New Brunswick,	Bellevue.
George Sidney Willits,	Philadelphia, Pa.,	30 Hertzog Hall.
Charles Seymour Wright,	New Utrecht, N. Y.,	63 Bayard St.

**Deceased.*

Junior Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
William Allen Chapman,	Saugerties, N. Y.,	153 George St.
Joseph Addison Crowell,	Rahway,	Left College.
James Ketchum Dunscomb,	Albany, N. Y.,	49 Schureman St.
Oswald Haldane,	Cold Spring, N. Y.,	86 Bayard St.
Julio Martinez Hernandez,	New York City,	Hamilton St.
Jeremiah Johnson,	Rahway,	Left College.
James Thomas Lillis,	Hudson City,	25 New St.
William Morgan,	South River,	Left College.
Henry Augustus Neilson,	New Brunswick,	13 Paterson St.
Myron R. Chauncey Peck,	Albany, N. Y.,	37 Schureman St.
Clarence Peters,	Newark,	Newark.
Henry L. Rutgers,	New Brunswick,	Somerest St.
William P. Stephens,	Rahway,	Rahway.
Charles F. Stillman,	Plainfield,	49 Schureman St.
Thomas Bliss Stillman,	Plainfield,	49 Schureman St.
Charles T. Van Santvoord,	Albany, N. Y.,	61 Bayard St.
Elbridge Van Syckel, Jr.,	Bound Brook,	155 Neilson St.
Hobart Fuller Watson,	Clayton,	25 New St.
William Williamson,	New Brunswick,	78 Bayard St.

Sophomore Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
William Bogardus Berry,	Montclair,	153 George St.
Charles S. Bloomfield,	Uniontown,	Uniontown.
William H. Bradley,	Washington, D. C.,	64 Sch'n St.
Ralph Watson Brokaw,	Paola, Kansas,	Middlebush.
John Philip Clum,	Forestville, Md.	
Luther Cortelyou,	New Brunswick,	Left College.
Ephraim Cutter,	Woodbridge,	Woodbridge.
Charles Davis,	Saugerties, N. Y.,	145 Neilson St.
Titus Elwood Davis,	Barrytown, N. Y.	35 Hertzog Hall.
J. V. DeMott,	Middlebush,	Middlebush.
Spencer H. Cone Devan,	New Brunswick,	57 Somerset St.
Joseph Rankin Duryee,	Newark,	Newark.
George Washington Frey,	Englishtown,	Left College.
Howard Newton Fuller,	New Baltimore. N. Y.,	41 Sch'n St.
Perry James Fuller,	New Baltimore, N. Y.,	41 Sch'n St.
William Frederick Gaston,	Passaic,	56 Church St.
Harry Latimer Janeway,	New Brunswick,	Pinehurst.
Garrett S. Jones,	Holmdel,	86 Bayard St.
Charles H. T. Kruger,	Hoboken,	21 Hertzog Hall.
Sidney Oscar Lawsing,	Glenville, N. Y.,	
George DeWitt Lydecker,	Nyack Turnpike, N. Y.,	18 H. Hall.
John Richard Manley,	New Brunswick,	145 Neilson St.
Charles Augustus Meyer,	New Brunswick,	Easton Ave.
Theodore Denton Mills,	Port Jervis, N. Y.,	153 George St.
John Oppie,	Griggstown,	20 Richmond St.

NAMES.	RESIDENCES.	ROOMS.
James Parker,	Newark,	41 Schureman St.
Ed. Trenchard Price,	Ramsey's,	79 George St.
Isaac Pumyea,	New Brunswick,	Three-Mile Run.
William Hall Quick,	Farmer Village, N. Y.	78 Bayard St.
Charles Augustus Runk,	New York City,	62 Schureman St.
George W. Ryerson,	Brooklyn, N. Y.,	Left College.
Louis H. Schenck,	Neshanic,	78 Bayard St.
John Welch Searing,	Saugerties, N. Y.,	31 John St.
Edward Tennyson Simons,	Berneville, N. Y.,	Left College.
Ko Zo Soogiwoora,	Satsuma, Japan,	
Peter Davis Staats,	Raritan,	41 Schureman St.
William Stoddard,	New Brunswick,	100 George St.
Alan Hartwell Strong,	New Brunswick,	Hamilton Ave.
David Mather Talmage,	Amoy, China,	Middlebush.
Alex. B. Vandervoort,	Millstone,	Millstone.
Amos Van Etten, Jr.,	Port Jervis, N. Y.,	153 George St.
George W. Van Horne,	Bergen,	56 Church St.
Stephen Bassett Vreeland,	Bergen,	118 Neilson St.
John Newton Wyckoff,	Whitehouse,	145 Neilson St.

Scientific Section.

John Henry Huyler,	Tenafly,	56 Church St.
Frank W. Kent,	Bay Bridge, N. Y.,	44 Paterson St.
Henry Cadmus Stryker,	Rome, N. Y.,	25 Bayard St.

Freshman Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
Frank Elwood Ackerman,	Brooklyn, N. Y.,	30 Schureman St.
John Haring Ackerman,	Spring Valley,	13 Morris St.
Frederick William Anderson,	East Greenbush, N.Y.,	73 Church St.
Robert Barr,	New Brunswick,	14 Hertzog Hall.
LeRoy Brumaghim,	Albany, N. Y.,	39 Schureman St.
Howard Gillespy,	Saugerties, N. Y.,	31 John St.
Walter Timothy Griffin,	Barrytown, N. Y.,	14 Hertzog Hall.
Hendrick A. Hendrickson,	Queens, N. Y.,	23 Hertzog Hall.
Arthur Theodore Hoffman,	Mamaroneck, N. Y.,	145 Neilson St.
James Kemlo,	Brooklyn, N. Y.,	23 Hertzog Hall.
Walter Kip,	Passaic,	39 Schureman St.
Henry Kipp,	Passaic,	56 Church St.
William E. Knickerbocker,	Upper R. Hook, N. Y.	30 Paterson St.
Louis John Lockwood,	New Brunswick,	French & Scott Sts.
John Abram Lott, Jr.,	Flatbush, N. Y.,	86 Bayard St.
William Augustus Newell, Jr.,	Allentown,	25 Bayard St.
John Philip Bausman Pendleton,	New Brunswick,	Dingle Dell.
Frank Moyer Peters,	Newark,	Newark.
Philetus Theodore Pockman,	East Greenbush, N. Y.,	73 Church St.
John H. Salisbury,	Catskill, N. Y.,	31 John St.
John Preston Searle,	Wyckoff,	62 Church St.
Francis Page Slade,	New Brunswick,	82 Bayard St.
John J. Snyder,	Saugerties, N. Y.,	31 John St.
James G. Sutphen,	Millstone,	13 Morris St.
John Jacob Van Nest,	Millstone,	Millstone.
Oliver Harris Walser,	New Brighton, N. Y.,	39 H. Hall.
William Perry Watson,	Warrensburgh, N. Y.,	15 Neilson St.
William Henry H. Way,	New Brunswick,	167 Neilson St.
Gansford Wells, Jr.,	Flatbush, N. Y.,	86 Bayard St.
George Morris Williamson,	Newton, N. Y.,	153 George St.
John Richardson Wood,	Tappan, N. Y.,	10 Hertzog Hall.
Benjamin Van Doren Wyckoff,	Middlebush,	Middlebush.

Freshman Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
George Frederick Ashton,	New Brunswick,	8 Livingston Ave.
Ebenezer Condict Babbitt,	Mendham,	62 Church St.
Samuel Sanshine Burr,	Plainfield,	Plainfield.
Howard Voorhees Buttler,	New Brunswick,	Raritan Park.
Gansevoort V. V. Cortelyou,	New Brunswick,	Pine Grove.
William Harrington Dodge,	Newark,	Waverly, N. J.
Willard Combs Dunham,	Flemington,	45 French St.
Charles Stitt Elting,	New Paltz, N. Y.,	25 Bayard St.
Van Winkle Hageman,	Middlebush,	Middlebush.
Ichy Zo Hattori,	Japan,	2 French St.
Henry Latimer Janeway, Jr.,	New Brunswick,	7 Livingston Ave.
Benjamin Franklin Mathews,	Forked River,	57 Albany St.
Robert Anderson Meeker,	Plainfield,	Plainfield.
Daniel S. Schanck, Jr.,	New York City,	25 Bayard St.
Shumma Shirane,	Japan,	2 French St.
Arthur Louis Titsworth,	Plainfield,	Plainfield.
Frank Van Wyck,	Poughkeepsie, N. Y.,	56 Church St.
Reynier Veghte, Jr.,	Somerville,	57 Albany St.
Edward Washington Vreeland,	Jersey City,	15 Liberty St.
Stephen S. Vreeland,	Greenville,	56 Church St.
Jacob Erving Ward,	Madison,	17 Codwise Ave.
Charles L. D. Washburn,	Bergen,	155 Neilson St.

RECAPITULATION.

NEW JERSEY,	117
NEW YORK,	64
PENNSYLVANIA,	2
DISTRICT OF COLUMBIA,	1
MARYLAND,	1
KANSAS,	1
JAPAN,	3
CHINA,	1
TOTAL,	190

SUMMARY.

Classical Department.

SENIORS,	18
JUNIORS,	37
SOPHOMORES,	44
FRESHMEN,	32

Scientific Department.

SENIORS,	15
JUNIORS,	19
SOPHOMORES,	3
FRESHMEN,	22
TOTAL,	190
IN COLLEGE,	180

CLASSICAL DEPARTMENT.

Faculty.

REV. WILLIAM H. CAMPBELL, D.D., LL.D. President.
PROFESSOR COOK, Chemistry and Natural History.
PROFESSOR REILEY, Latin.
PROFESSOR MURRAY, Mathematics, Natural Philosophy and Astronomy.
PROFESSOR DOOLITTLE, Rhetoric, Logic and Mental Philosophy.
PROFESSOR COOPER, Greek.
PROFESSOR ATHERTON, History, Political Economy, and Constitutional Law.
PROFESSOR MEYER, French and German.
PROFESSOR VAN DYCK, Analytical Chemistry.
MR. HASBROUCK, Mathematics.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to College will be held on Saturday, Monday and Tuesday, June 15, 17 and 18, before Commencement, beginning at 9 o'clock, A.M., in the President's room. All who can do so are requested to present themselves on Saturday. Applicants for admission may also be examined on Thursday and Friday, September 19 and 20 at the same hour and place.

Students will be received to an advanced class, provided they sustain a satisfactory examination upon the subjects previously studied by the class, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the collegiate year.

Students who desire to pursue particular branches of study, may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following is a list of the subjects on which those desiring admission at the beginning of the Freshman year are examined, for which whenever possible a full equivalent will be accepted:

LATIN.

Andrews & Stoddard's, or Harkness' Grammar.

Fischer's Manual of Latin Grammar and Composition—First Part.

Cæsar's Gallic War.

Two Books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian Law, for the poet Archias, and for King Deiotarus.

GREEK.

Hadley's Greek Grammar.

Whiton's, or Crosby's Greek Lessons.

Xenophon's Anabasis—three books.

Arnold's First Greek Book, entire.

Homer's Iliad—one book.

Prosody.

ENGLISH AND MATHEMATICS.

Arithmetic complete.

Algebra to Quadratic Equations.

Plane Geometry—three books.

Ancient and Modern Geography.

English Grammar and Spelling.

History of the United States.

2. Suggestions in regard to preparation.

LATIN.

In preparing in Latin the student should give much more attention to the prose than poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended to both teacher and student. This book has better references to the standard Grammars of Harkness and Andrews than any American edition of the Latin Authors. It contains as much of Cæsar, Sallust and Cicero, as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Continental, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATION.—The examination is conducted in writing.

GREEK.

The examination will be

I. Upon the Grammar.

Hadley's Grammar is used in the College, and its use is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including both accent and quantity.

II. Upon Arnold's First Greek book (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation.

In pronouncing prose, the written accent must be followed. In Poetry, strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

MATHEMATICS.

In Arithmetic and Algebra the student should not only master the *principles* but acquire the *art* of the several processes. This is best done by solving many examples. To solve many easy

examples is more profitable than a few difficult ones. Special attention is requested to Common and Decimal Fractions and to Square and Cube Root.

Loomis' work, or the American editions of Legendre, are the best text-books for preparation in Geometry.

ENGLISH GRAMMAR AND GEOGRAPHY.

A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is examined in spelling, reading and punctuation. Ancient Geography should be studied in connection with the Classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

HISTORY OF THE UNITED STATES.

Candidates for admission will hereafter be examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation, than to the particular book used.

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. Latin—Cicero de Amicitia, Fischer's Manual of Composition.
2. Greek—Xenophon's Memorabilia, or Homer's Iliad, Greek Prose Composition, Hadley's Greek Grammar, Written translations from Greek into English.
3. Mathematics—Loomis' Algebra from Quadratic Equations.
4. Natural History—Dalton's Physiology, Lectures.
5. Rhetoric—Haven's Rhetoric, Lectures.

SECOND TERM.

1. Latin—Livy, Fischer's Manual of Composition, Mythology (Eschenberg).
2. Greek—Historians in Goodwin's Greek Reader, Greek Prose Composition, Greek Grammar, Written Translations.
3. Mathematics—Loomis' Algebra completed, Loomis' Geometry from Book IV.
4. Natural History—Zoology, Agassiz and Gould.
5. English Literature—Shaw's Manual, Craik's English of Shakespeare.
6. Elocution—Lectures.

THIRD TERM.

1. Latin—Cicero de Officiis, Fischer's Manual of Composition.
2. Greek—Greek Historians, Goodwin, Prose Composition, Written Translations, Ancient Chronology (Eschenberg).
3. Mathematics—Loomis' Geometry completed.
4. Natural History—Botany.
5. English Literature—Shaw's Manual and Lectures.

Sophomore Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. LATIN—Tacitus, Latin Composition.
2. GREEK—Felton's Greek Historians, Prose Composition, Written Translations.
3. MATHEMATICS—Conic Sections (Loomis).
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

SECOND TERM.

1. LATIN—Plautus, Horace, Latin Composition.
2. GREEK—Demosthenes on the Crown, Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Trigonometry, Plane and Spherical.
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

THIRD TERM.

1. LATIN—Quintilian, Latin Composition.
2. GREEK—Aristophanes' Clouds, Written Translations, Greek Antiquities, Lectures on Greek Literature.
3. MATHEMATICS—Surveying, with Field Practice.
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

Junior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. NATURAL PHILOSOPHY—Snell's Olmsted's Natural Philosophy.
2. CHEMISTRY—Lectures on Inorganic Chemistry.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology, and Hamilton's Metaphysics.
4. GERMAN.
5. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. MATHEMATICS—Loomis' Analytical Geometry.

SECOND TERM.

1. NATURAL PHILOSOPHY—Snell's Olmsted's Natural Philosophy.
2. CHEMISTRY—Lectures on Inorganic Chemistry & Mineralogy.
3. MENTAL PHILOSOPHY—Hickok's Empirical Psychology and Hamilton's Metaphysics and Lectures.
4. GERMAN.
5. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK—Plato's Phædo or Contra Atheos.
 2. MATHEMATICS—Loomis' Calculus.

THIRD TERM.

1. ASTRONOMY—Lockyer's Astronomy.
2. CHEMISTRY—Lectures on Technology.
3. CONSTITUTIONAL HISTORY OF ENGLAND—Creasy.
4. GERMAN.
5. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. MECHANICS—Smith's Analytical Mechanics.

Senior Class.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. CHEMISTRY—Lectures on Organic Chemistry.
2. POLITICAL ECONOMY—Text Book and Lectures.
3. MORAL PHILOSOPHY—Wayland and Hopkins, Lectures.
4. HEBREW—Extra.
5. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK—Elementa Logices Aristotelicae; Trendelenburg.
 2. ASTRONOMY—Practical Astronomy, with use of instruments.
 3. MODERN LANGUAGES—German.

SECOND TERM.

1. CHEMISTRY—Lectures on Chemical Physics.
2. INTERNATIONAL LAW—Text Book and Lectures.
3. MORAL PHILOSOPHY—Butler's Analogy.
4. HEBREW—Extra.
5. ELECTIVE STUDIES—One of which is to be pursued.
 1. LATIN.
 2. GEODESY—Lectures.
 3. MODERN LANGUAGES—German.

THIRD TERM.

1. GEOLOGY—Lectures, Geological Excursion.
2. ARCHITECTURE—Lectures.
3. MORAL PHILOSOPHY—Butler's Analogy.
4. LOGIC—Thompson's Logic, Lectures.
5. HEBREW—Extra.
6. ELECTIVE STUDIES—One of which is to be pursued.
 1. GREEK—Anthology.
 2. LOGIC—Lectures.
 3. MODERN LANGUAGES—German.

3. Remarks on the Course of Study.

In arranging the above schedule of studies, an attempt has been made to assign to each of the branches of Learning in the schedule something like its due amount of time, and its proper order of succession. This has been done on the presumption that the greater number of those who pursue the course of study in the Classical Department, will enter some one of the learned professions, or if not, are still desirous of the same kind and quality of culture. The general theory of the arrangements is that up to the close of the Sophomore year, all the studies should be obligatory, and of such a character as would be equally desirable whatever subsequent profession or career was chosen; and that during the Junior and Senior years there should be certain subjects required of all students, while in regard to others, there should be an election depending upon the future intentions of the student.

LANGUAGES.

LATIN.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition are continually required of the student.

GREEK.—The Classical Greek authors are read during the Freshman and Sophomore years, but during the subsequent year a portion of the time is especially devoted to the study of the Greek Testament, and to giving a familiarity with it sufficient to read it with fluency.

FRENCH AND GERMAN are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors.

HEBREW.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive Geometry, is optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations.

RHETORIC AND METAPHYSICS.

ELOCUTION.—During the Freshman year lectures are delivered on the general principles of Elocution. And a practical application of these principles is made by the appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

ENGLISH LANGUAGE AND LITERATURE.—These subjects are taught by a text book, in connection with a course of lectures which are delivered to the Freshman Class.

RHETORIC is begun in the first term of the Freshman year, in order that the students may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

MENTAL PHILOSOPHY.—Hickok's Empirical Psychology and Hamilton's Metaphysics are the guide-books in this department. But neither is implicitly followed. The aim is rather to arouse the student by a diligent comparison of different authors, to investigate the open questions of Philosophy independently, and thus to train him to a comprehensive and cautious deliberation, as well in adopting the conclusions of others, as in forming and advancing his own. As opportunity offers, lectures upon important topics are interspersed through the course.

LOGIC.--In connection with the use of Thompson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This department is under the care of the Voorhees Professor. His course begins in the Sophomore year with History. The study of these subjects is resumed again in the last term of the Junior year, and is continued through two terms of the Senior. The course will consist of a study of text-books, with lectures and the writing of essays.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

FIRST CONGRESSIONAL DISTRICT.

	RESIDENCES.	TERM EXPIRES.
JAMES H. MECUM, Esq.,	Salem,	April 12, 1873.
JONATHAN INGHAM, Esq.,	Salem,	April 12, 1876.

SECOND CONGRESSIONAL DISTRICT.

HON. W. H. HENDRICKSON,	Middletown,	April 12, 1873.
HON. WILLIAM PARRY,	Cinnaminson,	April 12, 1872.

THIRD CONGRESSIONAL DISTRICT.

HON. JAMES BISHOP,	New Brunswick,	April 12, 1876.
HON. JOSEPH THOMPSON,	Readington,	April 12, 1875.

FOURTH CONGRESSIONAL DISTRICT.

REV. JOHN STEELE,	Paterson,	April 12, 1875.
HON. H. C. KELSEY,	Newtown,	April 12, 1874.

FIFTH CONGRESSIONAL DISTRICT.

FRANCIS H. DAWES, Esq.,	Newark,	April 12, 1874.

OFFICERS.

HON. W. H. HENDRICKSON, *Chairman.*
HON. WILLIAM PARRY, *Secretary.*

Faculty.

REV. WILLIAM H. CAMPBELL, D.D., LL.D. President.
PROFESSOR COOK, Chemistry, Natural History and Agriculture.
PROFESSOR MURRAY, Natural Philosophy and Astronomy.
PROFESSOR DOOLITTLE, Rhetoric and Mental Philosophy.
PROFESSOR SMOCK, Mining and Metallurgy.
PROFESSOR ATHERTON, History, Political Economy, and Constitutional Law, and Military Superintendent.
PROFESSOR MEYER, Modern Languages.
PROFESSOR VAN DYCK, Analytical Chemistry.
PROFESSOR BOWSER, Mathematics and Engineering.
MR. HASBROUCK, Mathematics and Draughting.

1. Organization.

This department of the College, organized by the Trustees to meet the demand for scientific and practical education, has been designated by the Legislature of New Jersey, under act of Congress.

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

In consideration of the income derived from the Agricultural College Land Endowment, and paid to the Trustees of Rutgers College, they receive into this department of the College, and educate free of expense for tuition a certain number of students from the State of New Jersey. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent for Schools in each county. They are distributed among the counties in proportion to their population as follows:

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		
			40

In addition to the State pupils, the Scientific School receives all students from the State of New Jersey and other States who may desire and are prepared to pursue its course of study.

The Course of study covers four years, and includes a thorough education in Civil Engineering, Chemistry and Agriculture, Technology and Metallurgy, History, Political Economy, Constitutional Law, Mental and Moral Philosophy.

2. Conditions for Admission.

Every applicant for admission must be sixteen years of age, and must submit to the President testimonials of a good moral character. If an applicant for a State scholarship he must also present to the President the certificate from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz.: on Saturday, Monday and Tuesday preceding Commencement, June 15th, 17th and 18th, beginning at 9 o'clock A.M., in the President's room. Applicants for admission may also be examined on Thursday and Friday September 19th and 20th, at the same hour and place.

Students may also enter an advanced class either at the beginning of the College year or at other times, on condition they pass an examination both on the preliminary studies and on those passed over by the class.

Provision is made for such students as wish to pursue special branches in the Institution; provided only they are fitted by previous preparation to go on with the classes in their studies.

The following are the subjects on which those desiring to enter the lowest class of the Scientific Department are examined. As they are all such as can be acquired in our very best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete.
2. Algebra to Quadratic Equations.
3. Plane Geometry—three books.

4. English Grammar—including spelling.
5. Descriptive Geography.
6. Physical Geography.
7. History of the United States.

3. Courses of Study.

Two distinct courses of study are included in the Schedule which follows: I. A COURSE IN CIVIL ENGINEERING AND MECHANICS. II. A COURSE IN CHEMISTRY AND AGRICULTURE. During the first and second years the studies of the two courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches of either course.

During the remainder of the time the subjects of Higher Mathematics and Mechanics, and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory and Agriculture, in the other. The remaining subjects the students of both courses pursue together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is arranged so as to meet the wants of those who cannot take the entire three years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course receive from the Faculty a certificate of their attainments.

Special students are received to pursue any part of the above course, and provision is made for them, especially in Chemistry in the Laboratory, and in Mathematics and Surveying.

A course in Chemistry and Agriculture occupying two years is also given below. It is designed for those who desire as special students to devote themselves entirely to these branches. Opportunities of a very superior character will be afforded to such students under the charge of Professors Cook and Van Dyck, in the new Laboratory building now in course of erection.

In accordance with the requirements of the Law, the students in this Department are regularly drilled in Military Tactics by the Military Superintendent, Professor Atherton. Arms and accoutrements for this purpose are furnished by the Quarter-Master General of the State.

COURSE OF STUDY.

Freshman Class.

General Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. French.
2. Mathematics—Loomis' Algebra from Quadratic Equations.
3. Physiology—Dalton's.
4. Rhetoric—Haven's Rhetoric.
5. Draughting—Construction of Problems.

SECOND TERM.

1. French.
2. Mathematics—Loomis' Geometry from Book IV.
3. Zoology—Agassiz and Gould's Zoology.
4. Elocution—Lectures.
5. English Literature—Shaw's Manual, Craik's English of Shakespeare.
6. Draughting.

THIRD TERM.

1. French.
2. Mathematics—Loomis' Trigonometry, Plane and Spherical.
3. Botany.
4. English Literature—Shaw's Manual.
5. Draughting.

Sophomore Year.

General Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. Surveying, with Field Exercises.
2. Descriptive Geometry—Church.
3. Chemistry—Lectures.
4. Mental Philosophy—Haven's Mental Philosophy.
5. History—Modern History; Weber's Outlines.

SECOND TERM.

1. Descriptive Geometry—Church.
2. Chemistry—Lectures.
3. Mental Philosophy—Haven's Mental Philosophy.
4. History—Modern History; Weber's Outlines.

THIRD TERM.

1. Levelling and Railroad Curves—Henck's Field Book; Field Practice.
2. Shades, Shadows and Perspective—Church.
3. Chemistry—Lectures.
4. Mental Philosophy—Lectures.
5. History—Creasy's Constitutional History of England.

Junior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

General Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. GERMAN.
2. ANALYTICAL GEOMETRY—Church.
3. NATURAL PHILOSOPHY—Snell's Olmsted.
4. HISTORY OF CIVILIZATION AND CONSTITUTIONAL HISTORY OF THE UNITED STATES.

SECOND TERM.

1. GERMAN.
2. DIFFERENTIAL AND INTEGRAL CALCULUS—Church.
3. NATURAL PHILOSOPHY—Snell's Olmsted.
4. POLITICAL ECONOMY AND CONSTITUTIONAL HISTORY OF THE UNITED STATES.

THIRD TERM.

1. GERMAN.
2. MECHANICS—Bartlett or Smith.
3. ASTRONOMY—Lockyer.
4. INTERNATIONAL LAW—Woolsey.

Junior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

General Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. GERMAN.
2. MINERALOGY AND ANALYTICAL CHEMISTRY WITH LABORATORY PRACTICE.
3. NATURAL PHILOSOPHY—Snell's Olmsted.
4. HISTORY OF CIVILIZATION AND CONSTITUTIONAL HISTORY OF THE UNITED STATES.

SECOND TERM.

1. GERMAN.
2. ANALYTICAL CHEMISTRY WITH LABORATORY PRACTICE.
3. AGRICULTURE—Lectures.
4. NATURAL PHILOSOPHY—Snell's Olmsted.
5. POLITICAL ECONOMY AND CONSTITUTIONAL HISTORY OF THE UNITED STATES.

THIRD TERM.

1. GERMAN.
2. ANALYTICAL CHEMISTRY WITH LABORATORY PRACTICE.
3. VEGETABLE PHYSIOLOGY.
4. INTERNATIONAL LAW—Woolsey.

Senior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

General Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. MECHANICS—Bartlett or Smith.
2. GEODESY—Theory and Practice of Triangulation.
3. CHEMISTRY—Lectures.
4. MORAL PHILOSOPHY—Wayland and Hopkins.

SECOND TERM.

1. ENGINEERING—Mahan.
2. GEODESY—Practical Astronomy, Indeterminate Analysis.
3. CHEMICAL PHYSICS—Lectures.
4. MORAL PHILOSOPHY—Butler's Analogy.

THIRD TERM.

1. ENGINEERING—Railway Practice.
2. ARCHITECTURE—Lectures.
3. GEOLOGY—Lectures and Geological Excursion.
4. MORAL PHILOSOPHY—Butler's Analogy.

Senior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

General Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. MINING AND METALLURGY.
2. CHEMISTRY AND PRINCIPLES OF AGRICULTURE—Lectures.
3. LABORATORY PRACTICE.
4. MORAL PHILOSOPHY—Wayland and Hopkins.

SECOND TERM.

1. AGRICULTURE, its methods and products.
2. CHEMICAL PHYSICS—Lectures.
3. LABORATORY PRACTICE.
4. MORAL PHILOSOPHY—Butler's Analogy.

THIRD TERM.

1. ANIMAL PHYSIOLOGY.
2. ARCHITECTURE—Lectures.
3. GEOLOGY—Lectures and Geological Excursion.
4. MORAL PHILOSOPHY—Butler's Analogy.

SPECIAL COURSE IN CHEMISTRY.

FIRST YEAR.

FIRST TERM.

1. Elements of Chemistry—Text book and Lectures.
2. Blowpipe Analysis.
3. Elements of Mineralogy.

SECOND TERM.

1. Physics and Chemistry—Text book and Lectures.
2. Chemical Analysis—Qualitative.

THIRD TERM.

1. Chemical Analysis—Qualitative and Quantitative.
2. Vegetable Physiology.

SECOND YEAR.

FIRST TERM.

1. Chemical Analysis—Analysis of Minerals, Ores, &c.
2. Mineralogy—Determinative.

SECOND TERM.

1. Chemical Physics—Heat, Electricity, Magnetism, Galvanism and Electro-magnetism—Text Book and Lectures.
2. Analysis of Fertilizers and Chemical Products.

THIRD TERM.

1. Lectures on Geology.
2. Chemical Analysis—Special investigations.

EXAMINATIONS.

The examination of the classes in both departments takes place at the end of each term. They are conducted in part orally and in part in writing, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms the examinations of the classes of the Scientific School are held in the presence of the Board of Visitors, who make their semi-annual visits to the institution at that time.

At the end of the third term, each member of the Graduating Class of the Scientific School shall present a thesis on some scientific subject, a copy of which shall be written out upon paper suitable for binding and deposited in the Library of the College.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

GRADUATION.

On the Sabbath before Commencement Day the President preaches before the Graduating Classes his Baccalaureate Sermon.

To all members of the Graduating Class of the Classical Department in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Classes, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commence ment.

1. At the Commencement in 1874, and subsequently the privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.
SECOND HONOR—English Salutatory.
THIRD HONOR—Philosophical Oration.
FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided that he must have been a member of his class for two years, and have a general grade in scholarship among the best two-thirds.

4. Eleven other speakers shall be chosen, of whom *six* shall be chosen by grade in scholarship, provided that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and *five* shall be chosen by grade in composition and elocution during the Junior and Senior years, provided that in their general grade in scholarship they be among the best two-thirds.

5. Until by the extension of the scientific course the graduating classes from the Classical and Scientific Departments are placed on the same basis, as provided for 1874, the following temporary regulations shall be established:

For 1872, all the members of the graduating class from the Classical Department in full standing shall have the privilege of speaking. The honors shall be awarded as in past years. Five members of the Graduating Class in the Scientific Department shall have the privilege of speaking; of whom one shall be chosen on general grade in scholarship, and shall deliver a German Oration. The remaining four shall be chosen by their grade in Composition and Elocution, provided that in their general grade they be among the best two-thirds.

For 1873, sixteen members of the Graduating Class of the Classical Department shall have the privilege of speaking. The honor appointments shall be made from this Department, and the Valedictorian chosen as provided for 1874. Of the remaining eleven speakers, six shall be chosen on scholarship, and five on composition with the same restrictions as provided for 1874. Five members of the Graduating Class of the Scientific Department shall have the privilege of speaking, to be chosen as in 1872.

REGULATIONS.

1. The recitation hours extend from 9 o'clock A. M. to 1 o'clock P. M., during five days of the week.
2. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8.40 o'clock.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath moring in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon or evening at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during terms without permission from the President.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one-third of the term.
9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.

10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one-half of the maximum grade in all his studies, he shall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.
13. When a student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent to the parent, and the student admonished by the President. When twenty-four are recorded against him, he shall be dismissed from the College.
14. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures; provided, that, in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may at their discretion grant an extension of time for making up the omitted work.

 The above privilege of making up omitted recitations does not extend to absences at the beginning of the term previous to the student's entering upon his College duties.

COLLEGE EXPENSES.

FEES.

Tuition per annum,	$75 00
Incidental Expenses per annum,	8 00
Admission Fee,	5 00
Graduation Fee,	7 50

Of the above expenses the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees one-third, viz.: $25 is payable at the beginning of each term.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus.

BOARD.

Board with furnished rooms can be obtained in New Brunswick at the present time for $4 to $6 per week; board without rooms for $3 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz.: at an expense of $34 per annum, payable one-half at the beginning of the first term and one-half at the beginning of the second term. The rooms are heated but not lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs students are able to reduce, somewhat, their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This fund, the gift of Rev. Elias Van Benschoten in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlborough, N. J., left by his will to the Trustees of Rutgers College the sum of $500 to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-mile Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., of New Brunswick, N. J.

8. Rooms in Peter Hertzog Hall.

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

PRIZES AND HONORS.

1. Suydam Prize for Composition.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library, before he can receive the prize.

Subject for 1872, "The Imagination, its nature, its uses and abuses."

Committee, Rev. JOSEPH KIMBALL, D.D.
REV. JOHN McC. HOLMES, D.D.
T. ROBINSON WARREN, Esq.

2. Suydam Prize in Natural Science.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize-man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject for the essay for 1872; "The Conquests of Alexander the Great as a preparation for the spread of Christianity;" to be written in Greek.

Subject of the examination for 1872; Pindar's Olympic Odes.

Committee, Rev. R. H. Steele, D.D.
Rev. S. A. Muchmore, D.D.
Rev. N. I. M. Bogart.

4. Bradley Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the first term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M.D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of

gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1872, Rev. W. Ormiston, D.D.
Charles D. Deshler, Esq.
Charles Dunham, M.D.

6. Schermerhorn Prize for Composition.

This prize, the gift of J. W. Schermerhorn, A.M., consists of $25 worth of books at wholesale prices, selected by the recipient; and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded, must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1872, "Imitation of models inconsistent with originality."

Committee, Gen. George H. Sharpe.
A. D. Newell, M.D.
James Neilson, Esq.

7. Prize for Mineralogy.

A prize, consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the graduating class of 1872, in the Scientific Department, who shall be able to identify and name the largest number of them.

8. Thesis Prizes.

Two prizes of books, whose value shall not be less than $15 and $10, respectively, are offered for the best and second best thesis of the graduating class of the Scientific Department for 1872.

9. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons of whom one is chosen by each Society and a third by the Faculty, and is based upon relative excellence as writers and speakers.

10. Reports of Scholarship.

At the close of each term reports of the scholarship maintained during the term in each subject, are made up from the records and transmitted to the parents or guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty, is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

LIBRARY AND MUSEUM.

1. Library.

The Library of the College is open for consultation every Friday from 3 to 4.30 P.M. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past two years, and no effort will be spared to make it what the Institution requires. Donations to this object either in money or books, are earnestly solicited.

By the gift of a permanent fund of $1000 from James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms and accommodations are being provided in the new Geological Hall for the proper preservation and display of such specimens.

The apparatus of the College for illustrating the various branches o science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and compris s most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. Greatly increased facilities are contemplated in the Building now being erected by the Board of Trustees with the funds realized from the Centennial Endowment.

WANTS OF THE COLLEGE.

1. Chapel.

The number of students has already so increased that the present Chapel is scarcely adequate to contain them. It is entirely inadequate to occasions when a public audience is to be accommodated. A building which will contain suitable rooms for a Chapel and Library, is imperatively demanded, and ought to be erected immediately. A fund of $40,000 is wanted for this purpose.

2. Grammar School.

The Trustees have expended $15,000 in providing accommodations for the Grammar School. To do this the funds had to be withdrawn from other purposes where they are greatly needed. A donation to this amount is wanted.

3. Enlargement of the Library.

A present addition to the Books of the Library is essential to the progress of the Institution. Both Professors and students require works of reference and standard works in the various departments of learning which are entirely beyond their private means. A permanent fund also is wanted from the income of which to make yearly additions to the Library, and to bind up and keep in order what has been accumulated.

4. Lectureship.

A fund of $10,000 is wanted to found a course of eight lectures to prove the truth of Christianity against infidels, and to answer new difficulties and scruples, to be delivered every year at New Brunswick by a clerical Alumnus of Rutgers College.

REGISTER.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, FEB. 22, 1871.

LIST OF CONTESTANTS AND PRIZE MEN.

Frederick Ernest Allen,	Madison, *First Prize.*
Madison Monroe Ball,	Berne, N. Y., *Second Prize.*
George Reiley Dixon,	Grahamville, N. Y.
Joseph Alexander Harper,	New Brunswick.
George S. Knickerbocker,	Upper Red Hook, N. Y.
Claudius Rockefeller,	Germantown, N. Y.
Joseph W. Sutphen,	New Brunswick.
S. Oakley Vanderpoel, Jr.,	Albany, N. Y.
Henry d'Eresby Weston,	New Brunswick.

2. Junior Exhibition.

ORATORS FOR 1871.

Peithessophian Society.

W. H. Hoffman, High Bridge,	Italia.
G. A. Ries. Coytesville,	More light.
E. W. Strong, New Brunswick,	Is it worth while?
M. N. Wyckoff, Middlebush,	Self-Life.

Philoclean Society.

G. S. Duryee, Newark,	What is Liberty?
W. J. Leggett, Hudson, N. Y.,	Purpose.
C. H. Steele, New Brunswick,	The Educated Mind Supreme.
J. A. Van Neste, Griggstown,	Immortality.

3. Graduating Exercises.

BACHELORS OF ARTS, 1871—ORATIONS.

C. F. Van Inwegen, Port Jervis, N. Y.,	Valedictory.
Ezra D. DeLamater, Hudson, N. Y.,	Latin Salutatory.
W. P. Voorhees, New Brunswick,	English Salutatory.
William H. Lawrence, Trenton,	Philosophical Oration.
George Berdine, New Brunswick,	What Next?
John W. Conklin, New Vernon,	The Sphere of Science.
Joseph Fischer, New Brunswick,	The Living Idea.
Haley Fisk, Jr., New Brunswick,	The Paris Commune.
J. C. Garretson, New Brunswick,	Self Culture,
James E. Graham, Berne, N. Y.,	Character and Effect of Monopoly.
Andrew Hageman, Readington,	A Fast Age.
Rodolph C. Oakley, Rahway,	New Jersey.
George Edgar Pace, East Millstone,	Truth and Error.
William N. Todd, Whitehouse,	Curiosity.
Edwin B. Williamson, Newark,	The Scientific Way.
John H. Wyckoff, New Brunswick,	Knowledge the mother of Admiration.

BACHELORS OF SCIENCE, 1871—THESES.

James Kennedy Barton, N. Y. City.	The requirements of the Civil Engineer.
Stephen G. Gano, Centreville,	The Iron Bridge over the Harlem River.
W. S. Lasher, Germantown, N. Y.,	The Bridge over the Hudson at Albany.
Charles W. Merritt, Piscataway,	Mining Operations at Hell Gate.
John A. Miller, Jr., Newark,	The Iron Railroad Bridge at Newark.
Charles L. Pruyn, Albany, N. Y.,	The Foundation of the New Capitol at Albany.
Otis Comfort Tiffany, Newark,	The Caisson of the East River Bridge.
Joseph Ward, Jr., Newark,	The Newark Water Works.
Silas E. Weir, Jr., New Brunswick,	The Fairmount Water Works at Philadelphia.

PRIZES AWARDED.

Brodhead Prize for Classics,	WILLARD P. VOORHEES.
Suydam Prize for Natural Science,	RODOLPH C. OAKLEY.
Suydam Prize for Composition,	JOHN W. CONKLIN.
Bradley Prize for Mathematics,	WILLIAM N. TODD.
Prize for Mineralogy,	JAMES K. BARTON.
Prize for best Thesis,	STEPHEN G. GANO.
Prize for second best Thesis,	JOHN A. MILLER, Jr.
Schermerhorn Prize for Composition,	BENJAMIN C. MILLER, Jr.
M. W. Smith Prize for Oratory, best,	FREDERICK E. ALLEN.
" " " " 2d "	MADISON M. BALL.
Van Doren Prize for Essay on Missions,	JAMES C. GARRETSON.

MASTER'S ORATION.

VAN RENSSELAER WESTON, (1868), New Brunswick.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—JAMES LE FEVRE.	1862—FRANCIS A. HORTON.
1855—ISAAC L. KIP.	1863—WILLIAM SMITH.
1856—GEORGE V. N. BALDWIN.	1864—WILLIAM H. LEUPP, JR.
1856—SILAS D. SCUDDER.	1865—WILLIAM DE HART.
1857—JAS. W. SCHERMERHORN.	1866—JOHN G. VAN SLYKE.
1857—BENJAMIN C. SEARS.	1867—PETER L. VANDERVEER.
1858—ROBERT O. CURRIE, Jr.	1868—VERNON B. CARROLL.
1859—T. SANDFORD DOOLITTLE.	1869—WILLIAM E. GRIFFIS.
1860—DUPUYTREN VERMILYE.	1870—R. AUGUSTUS PEARSE.
1861—WILLIAM P. MESICK.	1871—JOHN W. CONKLIN.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—WILLIAM W. POST.	1859—WILLIAM CORNELL.
1855—MILTON A. FOWLER.	1860—DUPUYTREN VERMILYE.
1856—JOSIAH JANSEN.	1861———————.
1857—D. TEN BROECK REILEY.	1862—ABRAM Q. GARRETSON.
1858—JOHN B. DRURY.	1863—JOSEPH M DIXON.

1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Vanderveer.
1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.
1871—Rodolph C. Oakley.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Resselaer Weston.
1869—Martin Bahler.
1870—Alexander Johnson.
1871—Willard P. Voorhees.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin C. Nevius.
1868—Edward Benedict.
1869—Martin Bahler.
1870—Frederick A. Canfield.
1871—William N. Todd.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1866	Archibald Mercer.	Vernon Bond Carroll.
1867	John Talmage Van Cleef.	William Elliot Griffis.
1868	Willet Denike, Jr.	George R. Garretson.
1869	W. H. Lawrence.	C. F. Van Inwegen.
1870	Wm. J. Leggett.	Benjamin C. Miller, Jr.
1871	Frederick E. Allen.	Madison M. Ball.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—William Elliot Griffis.
1869—R. A. Pearse.
1870 { J. W. Conklin. / Haley Fisk Jr.
1871—Benjamin C. Miller, Jr.

5. Honorary Degrees.

DOCTOR OF DIVINITY.

June 21, 1870.—Rev. Jacob West.
June 20, 1871.—Rev. S. L. Bowman, Professor in Dickinson College.
" " Rev. John H. Duryea, Paterson.
" " Rev. N. P. Pierce, Brooklyn, N. Y.

DOCTOR OF LAWS.

" " Prof. Gustavus Fischer, New Brunswick.

DOCTOR OF PHILOSOPHY.

" " Gen. Joseph Karge, Professor in the College of New Jersey.

Doctor of Music.

" " Rev. Chester D. Hartranft, New Brunswick.

Master of Arts.

" " Alexander T. Goodwin, Utica, N. Y.

6. Alumni Association.

OFFICERS FOR THE YEAR 1871-72.

Hon. R. L. Larramore, LL.D.,	President.
Rush Van Dyke, M.D.,	Vice-President.
Rev. John L. See, D.D.,	Secretary.
Henry R. Baldwin, M.D.,	Curator.
Rev. John A. Todd, D.D.,	Orator, primarius.
Hon. Charles H. Winfield,	Orator, secundus.

7. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1871-72.

Rev. Wm. H. Campbell, D.D., LL.D.,	President.
Prof. Jacob Cooper,	Vice-President.
Prof. T. S. Doolittle,	Corresponding Secretary.
Prof. G. W. Atherton,	Judge of Composition.
Prof. F. C. Van Dyck,	Treasurer.
Isaac E. Hasbrouck,	Recording Secretary.
W. J. Leggett,	Registrar.

MEMBERS ELECTED.

FROM THE CLASSES OF 1871.

John W. Conklin.	Charles F. Van Inwegen.
Ezra W. De Lamater.	Willard P. Voorhees.
William H. Lawrence.	William Wirt Wendover.

James K. Barton. Stephen G. Gano.

O. C. Tiffany.

FROM THE CLASS OF 1872.

Charles A. Dunham.	George H. Stevens.
William J. Leggett.	Martin N. Wyckoff.

NECROLOGY.

REV. JOHN MANLEY.

Mr. Manley was born at New Brunswick in 1809, and at the time of his death in May 1871, was in his 62d year. He early united with the First Reformed Church, and resolved to enter the ministry. He graduated at Rutgers College in 1828, and at the Theological Seminary at New Brunswick in 1831. His first charge was at Manheim from 1831 to 1833. In 1834 he settled at Saddle River, and for a period of thirty-two years continued to minister with great usefulness and acceptance to that people. In his pastoral relations he was very happy, and was the trusted friend and adviser of his people. When advancing age and infirmity made it expedient for him in 1866 to resign the active ministry, he returned to the place of his birth and spent the remaining years in cheerful and active usefulness. As long as strength lasted he was busy about his Master's business.

Mr. Manley was a scholar of liberal tastes, and to the last maintained his familiarity with classical learning. He prepared several young men for College, and one of them, the late Hon. J. R. Wortendyke, will be long remembered as one of the most active and useful of the Trustees of Rutgers College.

COL. BURR PORTER.

Col. Porter was a son of the Rev. Burr Baldwin, formerly principal of the old Newark Academy, and when four years old was adopted by his uncle P. H. Porter, Esq., with whom he always lived. He was born Oct. 26, 1829, in Montrose Penn. He graduated at Rutgers College in 1849.

During the Crimean War he went to Turkey and was attached to Omar Pasha's staff, and subsequently was made a

"Bashaw" or Colonel of a regiment of Arabs. He received many decorations as evidences of his gallantry in this war.

Returning to America he engaged in the practice of Law till the breaking out of the Civil War. He served successively as member of Gen. Fremont's staff, as Colonel of the 40th Mass. Regiment, and of the 4th Mass. Cavalry, continuing in the service till the close of the war.

In the fall of 1870 he went to Europe, and being offered a very honorable position he joined the Army of the Loire under Gen. Chauzy. He was in the battle of December 9th, and on the 10th while leading his command in a skirmish with the Prussians at Josnes, shouting "I will show you how we fight in America," he fell pierced by a bullet in his breast.

MAJOR CHARLES M. HERBERT.

During the time this catalogue has been going through the press Major Herbert has died. He was born at Herbertsville, Middlesex County in 1837, and died in New Brunswick, December 6, 1871, in the thirty-fifth year of his age. His early life was spent near Freehold. He graduated at Rutgers College in 1857, and studied law in the office of Gov. Joel Parker at Freehold. In 1860 he was appointed by Governor Olden his private secretary, and in this capacity and in that of Major on his military staff, was conspicuously active and efficient in organizing, forwarding and caring for the New Jersey Volunteers in the Civil War. In June 1860 he was admitted as Attorney-at-law, in November 1861 to the Court of Chancery, and in November 1866 to the Supreme Court of New Jersey. In 1867 Governor Ward appointed him Prosecutor of the Pleas for Middlesex County, which important office he filled with marked ability up to the time of his death. He was active as a politician, and for several years had taken a leading part in public and business affairs in New Brunswick. In all these various positions he commanded the respect and confidence of his fellow-citizens, and his loss is deeply felt.

To the College whose Alumnus he was, he always showed himself an earnest and intelligent friend. He was ready on all occasions to answer the calls upon him for counsel and assistance. At the celebration of the Centennial of the College he rendered ready and efficient service upon the Committee of Arrangement, and materially contributed to its success.

REV. JOHN VAN NESTE SCHENCK.

Mr. Schenck died September 28th, 1871, aged 29 years. He was born at South Branch, N. J. He prepared for College at the Ovid Academy, and graduated from Rutgers College in 1862, and from the Theological Seminary at New Brunswick in 1865. His first pastorate was over the Reformed Church at Owasco—Outlet near Auburn, during two years. In 1865 he married Emma J. Pierson at Trenton, N. J. In 1867 he removed to Pompton Plains where he labored with great acceptance in the most cordial relations with his people up to the time of his death. As a student he was honored by his teachers and associates both for his mental and social gifts. As a preacher and pastor he succeeded in interesting and profiting his people. He spoke the truth in love and faithfulness. His last work was the preparation of a history of the Church at Pompton Plains for 135 years, which he expected to read at the re-opening of the Church enlarged and beautified. A sincere and interesting tribute to his memory was published in the *Christian Intelligencer* of Oct. 21, 1871, from the pen of his life-long friend and benefactor Rev. George J. Van Neste of Little Falls, N. J.

GRAMMAR SCHOOL.

REV. DEWITT T. REILEY, A.M., RECTOR.
ROBERT S. WOODRUFF, JR., A.M., PRINCIPAL.

Location.

This institution is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is near good boarding houses, play grounds, etc., and is within two minutes walk of the Rail Road Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain, under the oversight of the teachers in a room provided for the purpose, until the proper train starts. The building occupied by the Grammar School is large and commodious, well ventilated, with abundance of room for recitation, drill, gymnastics, cabinets, etc.

A large and pleasantly situated dwelling, with eight acres of ground is now the property of the Rector, and is occupied for boarding pupils, under his immediate charge. Pupils, however, whose parents wish them to board in town, will have the Rector's care and attention given them, in the houses at which they board.

Plan of Grading and Studies.

The following diagram will show the plan of the three courses: Business, Classical and High School.

5th Class—ELEMENTARY STUDIES.
4th Class— " "

3d College Class,	*B. Business Class*,
LATIN BEGUN.	BOOK-KEEPING BEGUN.
2d College Class,	*A. Business Class*,
GREEK AND LATIN.	SPECIAL BUSINESS STUDIES.
1st College Class,	*H. High School Class*,
ENTER COLLEGE, AT END OF YEAR.	HIGHER STUDIES—DIPLOMA.

In the two lower classes the course is the same for both those who intend to prepare for College and those who desire a business education. The Business Course occupies two years and comprises those studies which fit the student for practical business. An additional year is also provided for those who wish to continue their studies. This course also fits the student for entering the Scientific School of Rutgers College.

Latin is begun in the third year of the Classical Course, and Greek in the fourth. At the end of this course the student is prepared to enter the Freshman Class of the College. When students of unusual diligence and ability desire to prepare for College in a shorter time, facilities for that purpose are provided.

A Preparatory Department for boys from six to twelve years of age has recently been opened under the charge of a lady teacher.

A competent instructor in physical training is employed in the school for drilling the students. A room in the building is provided for this purpose.

The hours of attendance are from 8.20 A.M. to 1.30 P. M. For absence, tardiness, or failures in recitations, *written* excuses are expected from parents or guardians.

The School Year begins September 7th, 1870.

Terms.

Preparatory Department - -	$ 9	per quarter of ten weeks
4, 5 and B Classes - - -	13	" " " "
A and H Classes - - -	14	" " " "
3d College - - - - -	16	" " " "
1st and 2d College - - -	18	" " " "

The tuition is to be paid at the beginning of each session, in sums proportioned to the length of the session. No deduction for absence, unless occasioned by protracted sickness.

Board, Tuition, Fuel and Light, $100 per quarter of Ten weeks.

No extras, except for washing, attendance of a physician, and studies not in the regular course. Each pupil must bring napkins, towels, napkin-ring, fork and spoon (plated). All articles must be marked with the full name.

Calendar.

1st Quarter begins - - - - - - -	September 7th.
2d " " - - - - - -	November 15th.
3rd " " - - - - - - -	January 30th.
4th " " - - - - - - -	April 10th.

The week preceding the College Commencement will be devoted to the thorough examination of the Classes graduating from the School, and of the lower Classes for promotion.

Attendance 1871.

First College Class - - - - - - - - - -	26
H. Class - - - - - - - - - - -	13
Second College Class - - - - - - - - -	26
A. Class - - - - - - - - - - -	27
Third College Class - - - - - - - - -	24
B. Class - - - - - - - - - - -	27
Fourth Class - - - - - - - - - -	21
Fifth Class - - - - - - - - - -	12
Preparatory Department - - - - - - - -	21
Total, - - - -	197.

1872
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CATALOGUE

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1872–'73.

CALENDAR.

1872-73.

1872.	June 19,	Wednesday. Commencement. Vacation.
"	September 20,	Friday. First Session begins.
"	December 18,	Wednesday. First Session ends. Vacation.
1873.	January 2,	Thursday. Second Session begins.
"	February 24,	Monday. Sophomore Exhibition.
"	April 2,	Wednesday. Second Session ends. Vacation.
"	April 10,	Thursday. Third Session begins.
"	May 19, 20,	Monday and Tuesday. Senior Examination.
"	June 15,	Sunday. Baccalaureate Sermon by the President.
"	June 14, 16, 17,	Saturday, Monday, Tuesday. Examinations for admission.
"	June 17,	Tuesday. Exercises of the Literary Societies.
"	June 17,	Tuesday Evening. Junior Exhibition.
"	June 18,	Wednesday. Commencement. Vacation.
"	September 22,	Monday. First Session begins.
"	September 20, 22,	Saturday and Monday. Examinations for admission.
"	December 24,	Wednesday. First Session ends. Vacation.
1874.	January 8,	Thursday. Second Session begins.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

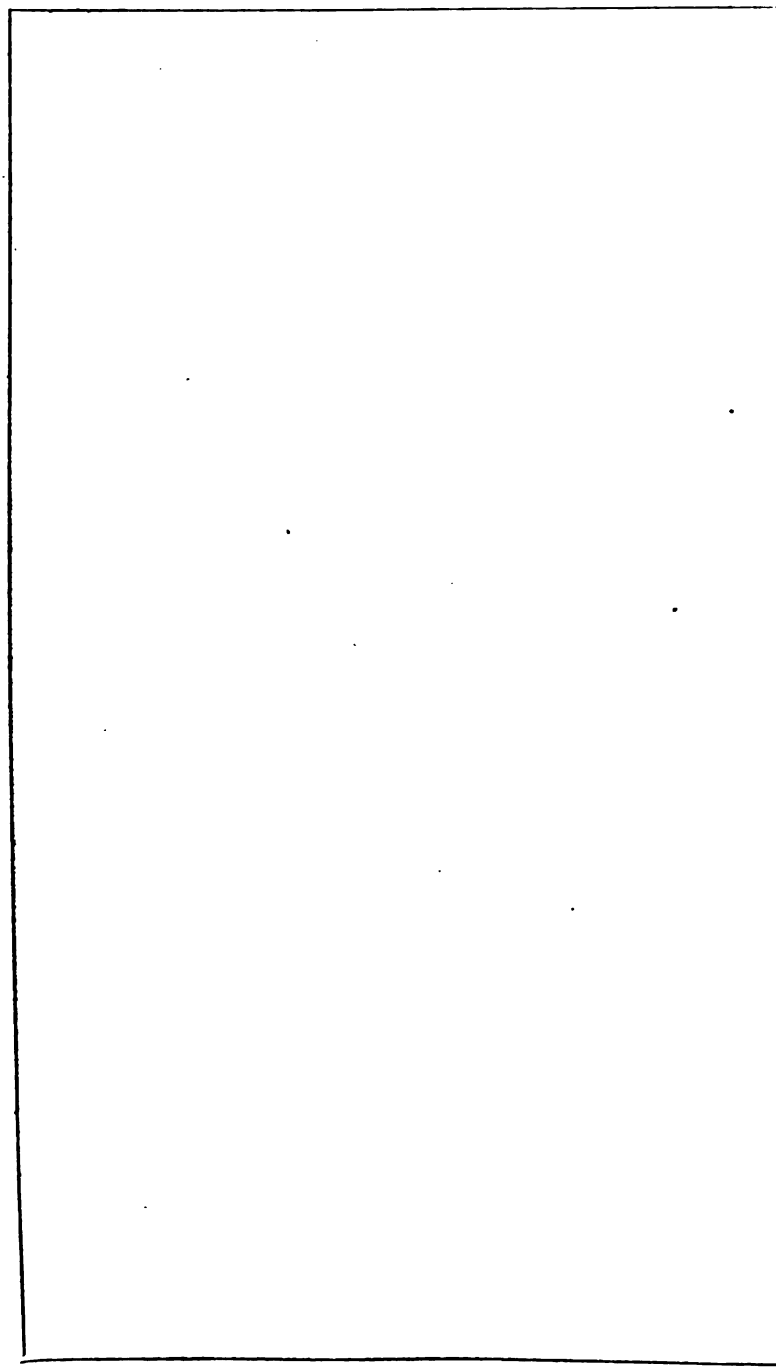
RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1872-73.

FOUNDED A. D. 1770.

NEW BRUNSWICK, N. J.:
TERHUNE & VAN ANGLEN'S PRESS, 31 ALBANY STREET.
1872.



TRUSTEES.

EX-OFFICIO.

His Excellency, JOEL PARKER, Freehold,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton,
Chief Justice of the State of New Jersey.

Hon. ROBERT GILCHRIST, Jersey City,
Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WM. H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
~~WILLIAM VAN DEURSEN, M.D.,~~	New Brunswick,	Nov. 14, 1828
Hon. PETER D. VROOM, LL.D.,	Trenton,	July 15, 1828
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. PETER VREDENBURG,	Freehold,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
~~J. ROMEYN BRODHEAD, LL.~~D.,	New York City,	April 12, 1853

NAMES.	RESIDENCES.	DATE OF ELECTION.
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Po'keepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July 27, 1853
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	Ithaca, N. Y.,	June 29, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Wash'ton, D. C.,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N. Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Po'keepsie, N.Y.	April 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Albany, N. Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N. Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N. Y.,	April 13, 1871
SAMUEL SLOAN, Esq.,	New York City,	June 20, 1871

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board*,
New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer*,
Office—39 Albany Street, New Brunswick.

PETER THOMAS, *Janitor.*

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT.)
THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,
(VICE-PRESIDENT.)
Professor of Chemistry, Natural History and Agriculture.

REV. DEWITT TEN BROECK REILEY, A. M.,
Professor of the Latin Language and Literature, and Rector of the Grammar School.

DAVID MURRAY, A. M., PH. D.,
Professor of Mathematics, Natural Philosophy and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, D.D.,
COLLEGIATE CHURCH *Professor of Rhetoric, Logic and Mental Philosophy.*

REV. JACOB COOPER, PH.D.,
Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A. M.,
Professor of Mining and Metallurgy.

GEORGE W. ATHERTON, A. M.,
VOORHEES *Professor of History, Political Economy and Constitutional Law, and Military Superintendent.*

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A. M.,
Professor of Analytical Chemistry.

EDWARD A. BOWSER, M. S.,
Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A. M..
Adjunct Professor of Mathematics and Graphics.

ALBERT STANBOROUGH COOK, B. S.,
Tutor in Mathematics.

GEORGE W. ATHERTON, A. M.,
Librarian.

ISAAC EDGAR HASBROUCK, A. M.,
Assistant-Librarian.

Catalogue of Students During the Year

ENDING JANUARY 1, 1873.

Senior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
ROBERT ADRAIN,	New Brunswick,	Somerset St.
FREDERICK E. ALLEN,	Madison,	48 Hertzog Hall.
JOHN D. BENNET,	Tyre, N. Y.,	Left College.
HERBERT BOGGS,	Newark,	79 George St.
FLETCHER CLARK,	Albany, N. Y.,	
GEORGE H. CLEVELAND,	Brooklyn, N. Y.,	64 Schureman St.
WILLIAM W. COOK,	Richboro, Pa.,	102 Somerset St.
GEORGE REILEY DIXON,	Grahamville, N. Y.,	42 Hertzog Hall.
CHARLES P. DORRANCE,	Freehold,	62 Schureman St.
JOSEPH ALEX. HARPER,	New Brunswick,	Highland Park.
HOWARD HARRIS,	Montclair,	59 French St.
DANIEL T. HAWXHURST,	Marlboro,	Suydam St.
WILLIAM HILLHOUSE,	New Brunswick,	College Ave.
PETER V. HUYSSOON,	Paterson,	35 Hertzog Hall.
GEO. S. KNICKERBOCKER,	Upper R. Hook, N.Y.	31 Paterson St.
BLOOMFIELD LITTELL,	Orange,	4 Paterson St.
ADRIAN V. MARTENSE,	Flatbush, L. I.,	109 Neilson St.
ABRAM IRVING MARTINE,	Nyack, N. Y.,	44 Hertzog Hall.
CHARLES H. MILLSPAUGH,	Albany, N. Y.,	Left College.
ALBERT DOD MINOR,	Glenville, N. Y.,	
JOHN DEWITT PELTZ,	New Paltz, N. Y.,	Seminary Place.
CHARLES W. PITCHER,	South Branch,	26 Hertzog Hall.

NAMES.	RESIDENCES.	ROOMS.
CLAUDIUS ROCKEFELLER,	Germantown, N.Y.,	French & Scott Sts.
JOHN RYLEY,	New Brunswick,	8 Hertzog Hall.
ISAAC S. SCHENCK,	New Brunswick,	74 Bayard St.
JOSEPH W. SUTPHEN,	New Brunswick,	Neilson Ave.
ALEX. GULICK VAN AKEN,	Neshanic,	46 Hertzog Hall.
IRA VAN ALLEN,	Bethlehem Certre, N.Y.,	Ham. St.
S. OAKLEY VANDERPOEL, Jr.,	New Brighton, S. I.,	79 George St.
JACOB VAN FLEET,	New Brunswick,	59 French St.
PETER V. VOORHEES,	New Brunswick,	Elm Ridge.
HENRY D'ERESBY WESTON,	New Brunswick,	Bellevue.
GEORGE SIDNEY WILLITS,	Philadelphia, Pa.,	Left College.
CHAS. SEYMOUR WRIGHT,	New Utrecht, N.Y.,	Hamilton St.

Senior Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
William Allen Chapman,	Saugerties, N. Y.,	15 Liberty St.
James Ketchum Dunscomb,	Albany, N. Y.,	Left College.
Oswald Haldane,	Cold Spring, N. Y.,	86 Bayard St.
Julio Martinez Hernandez,	New York City,	Left College.
James Thomas Lillis,	Hudson City,	25 New St.
Henry Augustus Neilson,	New Brunswick,	13 Paterson St.
Myron R. Chauncey Peck,	Albany, N. Y.,	79 George St.
Clarence Peters,	Newark,	Newark.
Henry L. Rutgers,	New Brunswick,	Left College.
William P. Stephens,	Rahway,	Rahway.
Charles F. Stillman,	Plainfield,	49 Schureman St.
Thomas Bliss Stillman,	Plainfield,	49 Schureman St.
Charles T. Van Santvoord,	New York City,	70 Carrrol Place.
Elbridge Van Syckel, Jr.,	Bound Brook,	Bound Brook.
Herbert Fuller Watson,	Clayton,	25 New St.
William Williamson,	New Brunswick,	78 Bayard St.

Junior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
William Bogardus Berry,	Montclair,	15 Liberty St.
Parker J. Bixby,	New York City,	109 Neilson St.
William H. Bradley,	Washington, D. C.,	96 George St.
Ralph Watson Brokaw,	Paola, Kansas,	Middlebush.
Ephraim Cutter,	Woodbridge,	Woodbridge.
Charles Davis,	Saugerties, N. Y.,	15 Liberty St.
Titus Elwood Davis,	Barrytown, N.Y.,	26 Hertzog Hall.
J. V. DeMott,	Middlebush,	Middlebush.
Spencer H. Cone Devan,	New Brunswick,	Left College.
Joseph Rankin Duryee,	Newark,	Newark.
Howard Newton Fuller,	New Baltimore, N.Y.,	41 Sch'n St.
Perry James Fuller,	New Baltimore, N.Y.,	41 Sch'n St.
William Frederick Gaston,	Passaic,	49 Schureman St.
Harry Latimer Janeway,	New Brunswick,	Pinehurst.
Garret S. Jones,	Holmdel,	Left College.
Charles H. T. Kruger,	Hoboken,	19 Hertzog Hall.
George DeWitt Lydecker,	Nyack Turnpike, N.Y.,	41 H. Hall.
John Richard Manley,	New Brunswick,	98 Somerset St.
Charles Augustus Meyer,	New Brunswick,	Easton Ave.
Theodore Denton Mills,	Port Jervis, N.Y.,	153 George St.
John Oppie,	Griggstown,	20 Richmond St.

NAMES.	RESIDENCES.	ROOMS.
JAMES PARKER,	Newark,	Left College.
ED. TRENCHARD PRICE,	Ramsey's,	79 George St.
ISAAC PUMYEA,	New Brunswick,	Three-Mile Run.
WILLIAM HALL QUICK,	Farmer Village, N. Y.	
CHARLES AUGUSTUS RUNK,	New York City,	62 Schureman St.
LOUIS H. SCHENCK,	Neshanic,	78 Bayard St
JOHN WELCH SEARING,	Saugerties, N. Y.,	31 John St.
PETER DAVIS STAATS,	Raritan,	41 Schureman St.
WILLIAM STODDARD,	New Brunswick,	100 George St.
ALAN HARTWELL STRONG,	New Brunswick,	Hamilton Ave.
DAVID MATHER TALMAGE,	Amoy, China,	Middlebush.
ALEX. B. VANDERVOORT,	Millstone,	Millstone.
AMOS VAN ETTEN, Jr.,	Port Jervis, N. Y.,	153 George St.
GEORGE W. VAN HORNE,	Bergen,	Left College.
STEPHEN BASSETT VREELAND,	Bergen,	Left College.
JOHN NEWTON WYCKOFF,	White-House,	76 Bayard St.

Sophomore Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
Frank Elwood Ackerman,	Brooklyn, N. Y.,	30 Schureman St.
John Haring Ackerman,	Spring Valley,	10 Hertzog Hall.
Frederick William Anderson,	E. Greenbush, N.Y.,	Livingston Ave.
Robert Barr,	Paterson,	14 Hertzog Hall.
Charles S. Bloomfield,	Uniontown,	Uniontown.
LeRoy Brumaghim,	Albany, N. Y.,	39 Schureman St.
Howard Gillespy,	Saugerties, N. Y.,	31 John St.
Walter Timothy Griffin,	Barrytown, N. Y.,	14 Hertzog Hall.
Hendrick A. Hendrickson,	Queens, N. Y.,	33 Hertzog Hall.
Arthur Theodore Hoffman,	Mamaroneck, N. Y.,	Left College.
James Kemlo,	Brooklyn, N. Y.,	32 Hertzog Hall.
Walter Kip,	Passaic,	39 Schureman St.
Henry Kipp,	Passaic,	49 Schureman St.
William E. Knickerbocker,	Upper Red Hook, N.Y.,	Left College.
Louis John Lockwood,	New Brunswick,	French & Scott Sts.
John Abram Lott, Jr.,	Flatbush, N. Y.,	Left College.
William Augustus Newell, Jr.,	Allentown,	109 Neilson St.
John Philip Barsman Pendleton,	New Brunswick,	Dingle Dell.
Frank Moyer Peters,	Newark,	Newark.
Philetus Theodore Pockman,	E. Greenbush, N.Y.,	Livingston Ave.
John H. Salisbury,	Catskill, N. Y.,	31 John St.
John Preston Searle,	Wyckoff,	67 Church St.
Francis Page Slade,	Jersey City,	Jersey City.
John J. Snyder,	Saugerties, N. Y.,	41 Schureman St.
James G. Sutphen,	Millstone,	86 Church St.
Thomas Delano Swift,	New Brunswick,	54 George St.
John Jacob Van Nest,	Millstone,	Millstone.
Oliver Harris Walser,	New Brighton, N. Y.,	23 H. Hall.
William Perry Watson,	Warrensburgh, N.Y.,	French & Scott.
William Henry H. Way,	New Brunswick,	167 Neilson St.
Gansford Wells, Jr.,	Flatbush, N. Y.,	Left College.
George Morris Williamson,	Newton, N. Y.,	15 Liberty St.
John Richardson Wood,	Tappan, N. Y.,	Left College.
Benjamin Van Doren Wyckoff,	Middlebush,	Middlebush.

Sophomore Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
George Frederick Ashton,	New Brunswick,	8 Livingston Ave.
Ebenezer Condict Babbitt,	Mendham,	49 Schureman St.
Samuel Burr,	Plainfield,	Plainfeld.
Howard Voorhees Buttler,	New Brunswick,	Highland Park.
Gansevoort V. V. Cortelyou,	New Brunswick,	Pine Grove.
Harrington Dodge,	Waverley,	Waverley.
Willard Combs Dunham,	Flemington,	62 French St.
Charles Stitt Elting,	New Paltz, N. Y.,	Left College.
Van Winkle Hageman,	Middlebush,	Middlebush.
Ichy Zo Hattori,	Japan,	58 Albany St.
Henry Latimer Janeway, Jr.,	New Brunswick,	7 Livingston Ave.
Peter A. Monfort,	New Utrecht, L. I.,	78 Bayard St.
Robert Anderson Meeker,	Plainfield,	Plainfield.
Franklin Lippincott,	Westville,	78 Bayard St.
Daniel S. Schanck, Jr.,	New York City,	Left College.
Arthur L. Titsworth.	Plainfield,	49 Schureman St.
Frank Van Wyck,	Poughkeepsie, N. Y.,	56 Church St.
Rynier Veghte,	Somerville,	57 Albany St.
Edward Washington Vreeland,	Jersey City,	Left College.
Stephen S. Vreeland,	Greenville,	55 Church St.
Jacob Ewing Ward,	Madison,	17 Codwise Ave.
Charles L. D. Washburn,	Bergen,	French & Scott Sts.

Freshman Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN BANCKER AYCRIGG,	Passaic,	109 Neilson St.
EUGENE SAMUEL BOOTH,	Bridgeport, Conn.,	20 Hertzog Hall.
CHARLES BRADLEY,	Washington, D. C.,	96 George St.
JOHN P. CASPER,	Howe's Cave, N.Y.,	35 Hertzog Hall.
EDWIN EVERETT COLBURN,	New Baltimore, N.Y.,	153 George St.
HENRY MILLER COX,	New Brunswick,	144 French St.
CORNELIUS PETERS DITMARS,	Middlebush.	Middlebush.
THEOPHILUS A. FRIEDEL,	New York City,	New York City.
ELAM MAYHEW GARTON,	Wyoming, Del.,	4 Paterson St.
WILLIAM B. GILLMORE,	New York City,	79 George St.
HENRY NILES JOHNSON,	Coeymans, N. Y.,	153 George St.
HAYDN CLARK KELLY,	New Brunswick,	7 Morris St.
JOHN LEFFERTS, Jr.,	Flatbush, N. Y.,	109 Neilson St.
CHARLES A. LIMEBURNER,	Modena, N. Y.,	109 Neilson St.
JOHN EDWARD LYALL,	Hudson, N. Y.,	89 Hertzog Hall.
PETER H. MILLIKEN,	Peekskill, N. Y.,	87 Hertzog Hall.
THOMAS MORRELL MOORE,	New York City,	86 Bayard St.
FRANK J. MUNDY,	Rahway,	18 Hertzog Hall.
DAVID MURRAY,	Delhi, N. Y.,	78 Bayard St.
WILLIAM HOSEA NASHOLDS,	Knox, N. Y.,	12 Hertzog Hall.
GEORGE LUTHER NEVIUS,	New Brunswick,	155 George St.
WILLIAM HORTON PRICE,	New Brunswick,	181 Burnet St.
JOHN DUFFIELD PRINCE, Jr.,	Flatbush, N. Y.,	109 Neilson St.
NAGATERU YASUJIRO OUTSKA,	Imari, Japan,	French & Scott Sts.
JAMES AUGUSTUS ROMEYN,	Hackensack,	25 Bayard St.
WILLIAM WYCKOFF SCHOMP,	Bedminster,	62 Church St.
BERGEN BROKAW STAATS,	Middlebush,	Middlebush.
ROLAND HENSHALL STUBBS,	New Brunswick,	62 Bayard St.
PAUL FREDERICK SUTPHEN,	New Brunswick,	Neilson Avenue.

NAMES.	RESIDENCES.	ROOMS.
William Rivers Taylor,	Newark,	Newark.
Foster McGowan Voorhees,	Clinton,	62 Church St.
John Schenck Voorhees, Jr.,	New Brunswick,	Three-Mile Run.
Courtland Calvin Van Deusen,	Hudson, N. Y.,	39 Hertzog Hall.
William Armitage Van Zandt,	Albany, N. Y.,	45 French St.
LaRue Vredenburgh Jr.,	Somerville,	Somerville.
Theodore Havelock Walser,	New Brighton, N.Y.,	23 Hertzog Hall.
Harry Westbrook Winfield,	Greenville,	144 French St.
Samuel Isell Woodbridge,	Henderson, Ky.,	Brookside.
John Eliot Woodbridge,	New Brunswick,	Brookside.

Freshman Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
WILLIAM AUMACK,	Toms River,	25 Bayard St.
WILLARD W. CUTLER,	Morristown,	153 George St.
JEROME JOHNSON,	Brooklyn, N. Y.,	Hamilton St.
GEORGE WILLIAM KUEHNLE,	Egg Harbor City, N.Y.,	Ham. St.
WILLIAM HUBERT OSBORNE,	Georgetown, Ct.,	8 Paterson St.
JOSEPH G. PALMER,	New Brunswick,	63 French St.
CARLTON B. PIERCE,	New Brunswick,	15 Kirkpatrick St.
CHARLES S. ROE,	Middleburgh, N.Y.,	57 Albany St.
EDWIN F. ROSS,	New Brunswick,	50 New St.
ISAAC DENMAN VANDERPOEL,	New York City,	Hassart St.
JOHN WARREN, Jr.,	New Brunswick,	42 Somerset St.
NICHOLAS DOREMUS WORTENDYKE,	Jersey City,	Jersey City.

RECAPITULATION.

NEW JERSEY,	109
NEW YORK,	73
PENNSYLVANIA,	2
CONNECTICUT,	2
DISTRICT OF COLUMBIA,	2
KENTUCKY,	1
DELAWARE,	1
KANSAS,	1
JAPAN,	2
CHINA,	1
TOTAL,	194

SUMMARY.

Classical Department.

SENIORS,	34
JUNIORS,	37
SOPHOMORES,	34
FRESHMEN,	39

Scientific Department.

SENIORS,	16
JUNIORS,	
SOPHOMORES,	22
FRESHMEN,	12
TOTAL,	194
IN COLLEGE,	176

CLASSICAL DEPARTMENT.

Faculty.

REV. WILLIAM H. CAMPBELL, D.D., LL.D. President.
PROFESSOR COOK, Chemistry and Natural History.
PROFESSOR REILEY, Latin.
PROFESSOR MURRAY, Mathematics, Natural Philosophy and Astronomy.
PROFESSOR DOOLITTLE, Rhetoric, Logic and Mental Philosophy.
PROFESSOR COOPER, Greek.
PROFESSOR ATHERTON, History, Political Economy, & Constitutional Law.
PROFESSOR MEYER, French and German.
PROFESSOR VAN DYCK, Analytical Chemistry.
PROFESSOR HASBROUCK, Mathematics and Graphics.
TUTOR COOK, Mathematics.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to the College will be held on Saturday, Monday and Tuesday, June 14, 16 and 17, before Commencement, beginning at 9 o'clock, A.M., in the President's room. All who can do so are requested to present themselves on Saturday. Applicants for admission may also be examined on Saturday and Monday, September 20 and 22 at the same hour and place.

Students will be received to an advanced class, provided they sustain a satisfactory examination upon the subjects previously studied by the class, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the Collegiate year.

Students who desire to pursue particular branches of study, may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following is a list of the subjects on which those desiring admission at the beginning of the Freshman year are examined, for which whenever possible a full equivalent will be accepted:

LATIN.

Andrews & Stoddard's or Harkness' Grammar.

Fischer's Manual of Latin Grammar and composition—First Part.

Cæsar's Gallic War.

Two Books of Virgil's Æneid or Ovid's Metamorphoses.

Cicero's Orations against Catiline, on the Manilian Law, for the poet Archias, and for King Deiotarus.

GREEK.

Hadley's Greek Grammar.

Whiton's, or Crosby's Greek Lessons.

Xenophon's Anabasis—three books.

Arnold's First Greek Book, entire.

Homer's Iliad—one book.

Prosody.

ENGLISH AND MATHEMATICS.

Arithmetic complete.

Algebra to Quadratic Equations.

Plane Geometry—three books.

Ancient and Modern Geography.

English Grammar and Spelling.

History of the United States.

2. Suggestions in regard to preparation.

LATIN.

In preparing in Latin the student should give much more attention to the prose than poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of the moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended to both teacher and student. This book has better references to the standard Grammars of Harkness and Andrews than any American edition of the Latin Authors. It contains as much of Cæsar, Sallust and Cicero, as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Continental, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATION.—The examination is conducted in writing.

GREEK.

The examination will be,

I. Upon the Grammar.

Hadley's Grammar is used in the College, and its use is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including both accent and quantity.

II. Upon Arnold's First Greek book (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation.

In pronouncing prose the written accent must be followed. In Poetry, strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

ENGLISH GRAMMAR AND GEOGRAPHY.

A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is examined in spelling, reading and punctuation. Ancient Geography should be studied in connection with the Classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

HISTORY.

Candidates for admission will be examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation, than to the particular book used.

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. LATIN—Cicero de Amicitia, Fischer's Manual of Composition.
2. GREEK—Xenophon's Memorabilia, or Homer's Iliad (Two books), Arnold's Greek Prose Composition, Hadley's Greek Grammar, Written translations from Greek into English.
3. MATHEMATICS—Loomis' Algebra from Quadratic Equations.
4. NATURAL HISTORY—Dalton's Physiology, Lectures.
5. RHETORIC—Haven's Rhetoric, Lectures.

SECOND TERM.

1. LATIN—Livy, Fischer's Manual of Composition, Mythology (Eschenberg).
2. GREEK—Felton's Greek Historians, Greek Prose Composition, Written Translations.
3. MATHEMATICS—Loomis' Algebra completed, Loomis' Geometry from Book IV.
4. NATURAL HISTORY—Zoology.
5. ENGLISH LITERATURE—Shaw's Manual, Craik's English of Shakespeare.
6. ELOCUTION—Lectures.

THIRD TERM.

1. LATIN—Cicero de Officiis, Fischer's Manual of Composition.
2. GREEK—Felton's Greek Historians, Prose Composition, Written Translations, Ancient Chronology (Eschenberg).
3. MATHEMATICS—Loomis' Geometry completed.
4. NATURAL HISTORY—Botany, Gray.
5. ENGLISH LITERATURE—Shaw's Manual and Lectures.

Sophomore Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. LATIN—Tacitus, Latin Composition.
2. GREEK—Sophocles' Antigone, (Wolsey), Prose Composition, Written Translations, Ancient Geography (Eschenberg).
3. MATHEMATICS—Conic sections (Loomis).
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

SECOND TERM.

1. LATIN—Plautus, Horace, Latin Composition.
2. GREEK—Demosthenes on the Crown, Written Translations, Greek Antiquities (Eschenberg).
3. MATHEMATICS—Loomis' Trigonometry, Plane and Spherical.
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

THIRD TERM.

1. LATIN—Quintilian, Latin Composition.
2. GREEK—Aristophanes' Birds, Written Translations, Greek Antiquities, Lectures on Greek Literature.
3. MATHEMATICS—Murray's Manual of Land, Surveying, with Field Practice.
4. MODERN HISTORY—Student's Gibbon, with Written Essays.

Junior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. Natural Philosophy—Snell's Olmsted's Natural Philosophy.
2. Chemistry—Lectures on Inorganic Chemistry.
3. Mental Philosophy—Hickok's Empirical Psychology and Hamilton's Metaphysics.
4. German.
5. Elective Studies—One of which is to be pursued.
 1. Latin.
 2. Mathematics—Loomis' Analytical Geometry.

SECOND TERM.

1. Natural Philosophy—Snell's Olmsted's Natural Philosophy.
2. Chemistry—Lectures on Inorganic Chemistry & Mineralogy.
3. Mental Philosophy—Hickok's Empirical Psychology and Hamilton's Metaphysics, and Lectures.
4. German.
5. Elective Studies—One of which is to be pursued.
 1. Greek—Plato's Phædo.
 2. Mathematics—Loomis' Calculus.

THIRD TERM.

1. Astronomy—Lockyer's Astronomy.
2. Chemistry—Lectures on Technology.
3. Constitutional History of England—Creasy.
4. German.
5. Elective Studies—One of which is to be pursued.
 1. Latin.
 2. Mechanics—Smith's Analytical Mechanics.

Senior Class.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. Chemistry—Lectures on Organic Chemistry.
2. Political Economy—Text Book and Lectures.
3. Moral Philosophy—Wayland and Hopkins, Lectures.
4. Hebrew—Extra.
5. Elective Studies—One of which is to be pursued.
 1. Greek—Elementa Logices Aristotelicae.
 2. Astronomy—With use of Instruments.
 3. Modern Languages—German.
 4. Analytical Chemistry—Laboratory Practice.

SECOND TERM.

1. Chemistry—Lectures on Chemical Physics.
2. International Law—Text Book and Lectures.
3. Moral Philosophy—Butler's Analogy.
4. Hebrew—Extra.
5. Elective Studies—One of which is to be pursued.
 1. Latin.
 2. Geodesy—Lectures.
 3. Modern Languages—German.
 4. Analytical Chemistry—Laboratory Practice.

THIRD TERM.

1. Geology—Lectures, Geological Excursion.
2. Architecture—Lectures.
3. Moral Philosophy—Butler's Analogy.
4. Logic—Thompson's Logic, Lectures.
5. Hebrew—Extra.
6. Elective Studies—One of which is to be pursued.
 1. Greek—Bergk's Anthology.
 2. Modern Languages—German.
 3. Analytical Chemistry—Laboratory Practice.

3. Remarks on the Course of Study.

In the above schedule all the studies up to the close of the Sophomore year are obligatory, and are intended to be of such a character as will be equally desirable whatever subsequent profession or career is chosen. During the Junior and Senior years there are some branches which are required of all students, while in regard to others, there is an election between several subjects.

LANGUAGES.

LATIN.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition are continually required of the student.

GREEK.—The Classical Greek authors are read during the Freshman and Sophomore years, but during the subsequent year a portion of the time is especially devoted to the study of the Greek Testament, and to giving a familiarity with it sufficient to read it with fluency.

FRENCH AND GERMAN are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors.

HEBREW.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive Geometry, is optional, and

provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations. In the Senior year practice in the Chemical Laboratory is one of the elective studies.

RHETORIC AND METAPHYSICS.

ELOCUTION.—During the Freshman year lectures are delivered on the general principles of Elocution, and a practical application of these principles is made by the appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

ENGLISH LANGUAGE AND LITERATURE.—These subjects are taught by a text book, in connection with a course of lectures which are delivered to the Freshman Class.

RHETORIC is begun in the first term of the Freshman year, in order that the students may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

MENTAL PHILOSOPHY.—Hickok's Empirical Psychology and Hamilton's Metaphysics are the guide-books in this department. But neither is implicitly followed. As opportunity offers, lectures upon important topics are interspersed through the course.

LOGIC.—In connection with the use of Thompson's "Outlines of the Laws of Thought" as a text-book, a few lectures are delivered, mainly on the History of Logic.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This department is under the care of the Voorhees Professor. His course begins in the Sophomore year with History. The study of these subjects is resumed again in the last term of the Junior year, and is continued through two terms of the Senior. The course will consist of a study of text-books, with lectures and the writing of essays.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

FIRST CONGRESSIONAL DISTRICT.

	RESIDENCES.	TERMS EXPIRE.
JAMES H. MECUM, Esq.,	Salem,	April 12, 1873.
JONATHAN INGHAM, Esq.,	Salem,	April 12, 1876.

SECOND CONGRESSIONAL DISTRICT.

Hon. W. H. HENDRICKSON,	Middletown,	April 12, 1873.
Hon. WILLIAM PARRY,	Cinnaminson,	April 12, 1877.

THIRD CONGRESSIONAL DISTRICT.

Hon. JAMES BISHOP,	New Brunswick,	April 12, 1876.
Hon. JOSEPH THOMPSON,	Readington,	April 12. 1875.

FOURTH CONGRESSIONAL DISTRICT.

Rev. JOHN STEELE,	Paterson,	April 12, 1875.
Hon. H. C. PITNEY,	Morristown,	April 12, 1874.

FIFTH CONGRESSIONAL DISTRICT.

FRANCIS H. DAWES, Esq.,	Newark,	April 12, 1874.
WILLIAM M. FORCE, Esq.,	Newark,	April 12, 1877.

OFFICERS.

Hon. W. H. HENDRICKSON, *Chairman.*

Hon. WILLIAM PARRY, *Secretary.*

DAVID MURRAY, *Dep'y Secretary.*

Faculty.

REV. WILLIAM H. CAMPBELL, D.D., LL.D., President.
PROFESSOR COOK, Chemistry, Natural History and Agriculture.
PROFESSOR MURRAY, Natural Philosophy and Astronomy.
PROFESSOR DOOLITTLE, Rhetoric and Mental Philosophy.
PROFESSOR SMOCK, Mining and Metallurgy.
PROFESSOR ATHERTON, History, Political Economy, & Constitutional Law, and Military Superintendent.
PROFESSOR MEYER, Modern Languages.
PROFESSOR VAN DYCK, Analytical Chemistry.
PROFESSOR BOWSER, Mathematics and Engineering.
PROFESSOR HASBROUCK, Mathematics and Draughting.
TUTOR COOK, Mathematics.

1. Conditions for Admission.

Every applicant for admission must be sixteen years of age, and must submit to the President testimonials of a good moral character. If an applicant for a State scholarship he must also present to the President the certificate from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz: on Saturday, Monday and Tuesday preceding Commencement, June 14th, 16th and 17th, beginning at 9 o'clock, A. M., in the President's room. Applicants for admission may also be examined on Saturday and Monday, September 20th and 22d, at the same hour and place.

Students may also enter an advanced class either at the beginning of the College year or at other times, on condition they pass an examination both on the preliminary studies and on those passed over by the class.

Provision is made for such students as wish to pursue special branches in the Institution; provided only they are fitted by previous preparation to go on with the classes in their studies.

The following are the subjects on which those desiring to enter the lowest class of the Scientific Department are examined. As they are all such as can be acquired in our very best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete.
2. Algebra to Quadratic Equations.
3. Plane Geometry—three books.
4. English Grammar—including spelling.
5. Descriptive Geography.
6. Physical Geography.
7. History of the United States.

2. Courses of Study.

Two distinct courses of study are included in the Schedule which follows; I. A COURSE IN CIVIL ENGINEERING AND MECHANICS. II. A COURSE IN CHEMISTRY AND AGRICULTURE. During the first and second years the studies of the two courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches of either course.

During the remainder of the time the subjects of Higher Mathematics and Mechanics, and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory and Agriculture, in the other. The remaining subjects the students of both courses pursue together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is arranged so as to meet the wants of those who cannot take the entire three years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course, receive from the Faculty a certificate of their attainments.

Special students are received to pursue any part of the above course, and provision is made for them, especially in Chemistry in the Laboratory, and in Mathematics and Surveying.

A course in Chemistry and Agriculture occupying two years is also given below. It is designed for those who desire as special students to devote themselves entirely to these branches. Opportunities of a very superior character will be afforded to such students under the charge of Professors Cook, Smock and Van Dyck, in the new Laboratory building.

In connection with the instruction in Agriculture in this Department, the Trustees maintain an extensive model farm,

designed to illustrate the principles of agriculture, and also to test by experiment the value of different systems. It is under the charge of the Professor of Agriculture, and *every Tuesday* during term time will be devoted to giving upon the farm, explanations of the experiments and their results, to the students in agriculture, as well as to any farmers who may desire to avail themselves of this priviledge.

In accordance with the requirements of the Law, the students in this Department are regularly drilled in Military Tactics by the Military Superintendent, Professor Atherton. Arms and accoutrements for this purpose are furnished by the Quarter-Master General of the State.

3. Organization.

This department of the College, has been designated by the Legislature of New Jersey, under act of Congress:

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

Under this law a certain number of students from the State of New Jersey are received into this department of the College and educated free of expense for tuition. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent for Schools in each county. They are distributed among the counties in proportion to their population as follows:

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		
			40

COURSE OF STUDY.

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. FRENCH.
2. MATHEMATICS—Loomis' Algebra from Quadratic Equations.
3. NATURAL HISTORY—Dalton's Physiology, Lectures.
4. RHETORIC—Haven's Rhetoric, Lectures.
5. DRAUGHTING—Construction of Problems.

SECOND TERM.

1. FRENCH.
2. MATHEMATICS—Loomis' Geometry from Book IV.
3. NATURAL HISTORY—Zoology, Lectures.
4. ELOCUTION—Lectures.
5. ENGLISH LITERATURE—Shaw's Manual, Craik's English of Shakespeare.
6. DRAUGHTING.

THIRD TERM.

1. FRENCH.
2. MATHEMATICS—Loomis' Trigonometry, Plane and Spherical.
3. NATURAL HISTORY—Botany; Gray, Lectures.
4. ENGLISH LITERATURE—Shaw's Manual and Lectures.
5. DRAUGHTING.

Sophomore Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. Surveying—Murray's Manual, Field Exercises and Mapping.
2. Descriptive Geometry—Church.
3. Chemistry—Lectures.
4. Mental Philosophy—Haven's Mental Philosophy.
5. History—Modern History; Weber's Outlines.

SECOND TERM.

1. Descriptive Geometry—Church; Construction of Problems.
2. Chemistry—Lectures.
3. Mental Philosophy—Haven's Mental Philosophy.
4. History—Modern History; Weber's Outlines.

THIRD TERM.

1. Levelling and Railroad Curves—Henck's Field Book; Field Practice, and Plotting.
2. Shades, Shadows and Perspective—Church; Construction of Problems.
3. Chemistry—Lectures.
4. Mental Philosophy—Lectures.
5. History—Creasy's Constitutional History of England.

Junior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. GERMAN.
2. ANALYTICAL GEOMETRY—Church.
3. NATURAL PHILOSOPHY—Snell's Olmsted's Natural Philosophy.
4. HISTORY OF CIVILIZATION AND CONSTITUTIONAL HISTORY OF THE UNITED STATES.
5. DRAUGHTING.

SECOND TERM.

1. GERMAN.
2. DIFFERENTIAL AND INTEGRAL CALCULUS—Church.
3. NATURAL PHILOSOPHY—Snell's Olmsted's Natural Philosophy.
4. POLITICAL ECONOMY AND CONSTITUTIONAL HISTORY OF THE UNITED STATES.
5. DRAUGHTING.

THIRD TERM.

1. GERMAN.
2. MECHANICS—Bartlett or Smith.
3. ASTRONOMY—Lockyer's Astronomy.
4. INTERNATIONAL LAW.—Woolsey.
5. DRAUGHTING.

Junior Year.

Course in Chemistry and Agriculture.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. German.
2. Mineralogy and Analytical Chemistry with Laboratory Practice.
3. Agriculture—Lectures at the Farm.
4. Natural Philosophy—Snell's Olmsted's Natural Philosophy.
5. History of Civilization and Constitutional History of the United States.

SECOND TERM.

1. German.
2. Analytical Chemistry with Laboratory Practice.
3. Agriculture—Lectures.
4. Natural Philosophy—Snell's Olmsted's Natural Philosophy.
5. Political Economy and Constitutional History of the United States.

THIRD TERM.

1. German.
2. Analytical Chemistry with Laboratory Practice.
3. Agriculture—Vegetable Physiology.
4. International Law—Woolsey.

Senior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. MECHANICS—Bartlett or Smith.
2. GEODESY—Theory and Practice of Triangulation.
3. CHEMISTRY—Lectures on Organic Chemistry.
4. MORAL PHILOSOPHY—Wayland and Hopkins.

SECOND TERM.

1. ENGINEERING—Mahan.
2. GEODESY—Practical Astronomy, Indeterminate Analysis.
3. CHEMISTRY—Lectures on Chemical Physics.
4. MORAL PHILOSOPHY—Butler's Analogy.

THIRD TERM.

1. ENGINEERING—Bridge-Building and Railway Practice.
2. ARCHITECTURE—Lectures.
3. GEOLOGY—Lectures and Geological Excursion.
4. MORAL PHILOSOPHY—Butler's Analogy.

Senior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. MINING AND METALLURGY.
2. CHEMISTRY AND PRINCIPLES OF AGRICULTURE—Lectures.
3. LABORATORY PRACTICE.
4. MORAL PHILOSOPHY—Wayland and Hopkins.

SECOND TERM.

1. AGRICULTURE, its methods and products.
2. CHEMISTRY—Lectures on Chemical Physics.
3. LABORATORY PRACTICE.
4. MORAL PHILOSOPHY—Butler's Analogy.

THIRD TERM.

1. AGRICULTURE—Animal Physiology and care and management of Domestic Animals.
2. ARCHITECTURE—Lectures.
3. GEOLOGY—Lectures and Geological Excursion.
4. MORAL PHILOSOPHY—Butler's Analogy.

SPECIAL COURSE IN CHEMISTRY.

FIRST YEAR.

FIRST TERM.

1. Elements of Chemistry—Text book and Lectures.
2. Blowpipe Analysis.
3. Elements of Mineralogy.

SECOND TERM.

1. Physics and Chemistry—Text book and Lectures.
2. Chemical Analysis—Qualitative.

THIRD TERM.

1. Chemical Analysis—Qualitative and Quantitative.
2. Vegetable Physiology.

SECOND YEAR.

FIRST TERM.

1. Chemical Analysis—Analysis of Minerals, Ores, &c.
2. Mineralogy—Determinative.

SECOND TERM.

1. Chemical Physics—Heat, Electricity, Magnetism, Galvanism and Electro-magnetism—Text Book and Lectures.
2. Analysis of Fertilizers and Chemical Products.

THIRD TERM.

1. Lectures on Geology.
2. Chemical Analysis—Special investigations.

EXAMINATIONS.

The examination of the classes in both departments takes place at the end of each term. They are conducted in part orally and in part in writing, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms the examinations of the classes of the Scientific School are held in the presence of the Board of Visitors, who make their semi-annual visits to the institution at that time.

At the end of the third term, each member of the Graduating Class of the Scientific School shall present a thesis on some scientific subject, a copy of which shall be written out upon paper suitable for binding, and deposited in the Library of the College.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

GRADUATION.

To all members of the Graduating Class of the Classical Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Classes, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commencement.

1. At the Commencement in 1874, and subsequently the privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.
SECOND HONOR—English Salutatory.
THIRD HONOR—Philosophical Oration.
FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided that he must have been a member of his class for two years, and have a general grade in scholarship among the best two-thirds.

4. Eleven other speakers shall be chosen, of whom *six* shall be chosen by grade in scholarship, provided that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and *five* shall be chosen by grade in composition and elocution during the Junior and Senior years, provided that in their general grade in scholarship they be among the best two-thirds.

5. Until by the extension of the scientific course the graduating classes from the Classical and Scientific Departments are placed on the same basis, as provided for in 1874, the following temporary regulations shall be established:

For 1873, sixteen members of the Graduating class of the Classical Department shall have the privilege of speaking. The honor appointments shall be made from this Department, and the Valedictorian chosen as provided for in 1874. Of the remaining eleven speakers, six shall be chosen on scholarship, and five on composition and elocution with the same restrictions as provided for 1874. Five members of the Graduating Class of the Scientific Department shall have the privilege of speaking, of whom one shall be chosen on general grade in scholarship, and shall deliver a German Oration. The remaining four shall be chosen by their grade in composition and elocution, provided that in their general grade they be among the best two-thirds.

REGULATIONS.

1. The recitation hours extend from 9 o'clock A. M. to 1 o'clock P. M., during five days of the week.
2. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8.40 o'clock.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon or evening at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during terms without permission from the President.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one-third of the term.
9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.

10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one-half of the maximum grade in all his studies, he shall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, h s case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.
13. When a student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent to the parent, and the student admonished by the President. When twenty-four are recorded against him, he shall be dismissed from the College.
14. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures; provided, that, in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may at their discretion grant an extension of time for making up the omitted work.

 The above privilege of making up omitted recitations does not extend to absences at the beginning of the term previous to the student's entering upon his College duties.

COLLEGE EXPENSES.

FEES.

Tuition per annum,	$75 00
Incidental Expenses per annum,	8 00
Admission Fee,	5 00
Graduation Fee,	7 50

Of the above expenses the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees one-third, viz.: $25 is payable at the beginning of each term.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus. They are also expected to provide themselves at their own expense with certain necessary sets of apparatus. These sets are to be retained throughout the course, but at the end of the course if the owners do not wish to retain them, they will be purchased at a fair price. If proper care has been exercised, a small discount only from the original cost will be made.

BOARD.

Board with furnished rooms can be obtained in New Brunswick at the present time for $4 to $7 per week; board without rooms for $3.50 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz.: at an expense of $34 per annum, payable one-half at the beginning of the first term and one-half at the beginning of the second term. The rooms are heated but not lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs students are able to reduce, somewhat, their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This fund, the gift of Rev. Elias Van Benschoten in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and he Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlboro, N. J., left by his will to the Trustees of Rutgers College the sum of $500 to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City; the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-mile Run, N.J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., of New Brunswick, N. J.

8. Rooms for Students.

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

The Trustees have resolved to proceed at once with the work of providing a Dormitory to furnish rooms for students. As soon as the necessary funds are secured the building will be begun.

PRIZES AND HONORS.

1. Suydam Prize for Composition.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library, before he can receive the prize.

Subject for 1873, "Centralization in the United States Government."

Committee, Rev. JOHN WOODBRIDGE, D.D.
EDWARD P. WATERBURY, Esq.
Rev. H. F. SMITH.

2. Suydam Prize in Natural Science.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize-man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject for the essay for 1873; "Cicero's religious belief;" to be written in Latin.

Subject of the examination for 1873; De deorum natura; Liber tertius.

4. Bradley Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the second term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M.D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the

College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1873, J. Neilson Taylor, Esq.
Prof. W. H. Crosby.
Rev. W. R. Duryee.

6. Schermerhorn Prize for Composition.

This prize, the gift of J. W. Schermerhorn, A.M., consists of $25 worth of books at wholesale prices, selected by the recipient: and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded, must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1873, "Periodical Literature."

Committee, Rev. A. B. Van Zandt, D.D.
S. O. Vanderpoel, M.D.
Washington Hasbrouck, Ph.D.

7. Prize for Mineralogy.

A prize, consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the graduating class of 1873, in the Scientific Department, who shall be able to identify and name the largest number of them.

8. Theses Prizes.

Two prizes of books are offered for the best and second best theses of the graduating class of the Scientific Department for 1873.

9. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons of whom one is chosen by each Society and a third by the Faculty, and is based upon relative excellence as writers and speakers.

10. Reports of Scholarship.

At the close of each term reports of the scholarship maintained during the term in each subject, are made up from the records and transmitted to the parents or guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty, is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

LIBRARY AND MUSEUM.

1. Library.

The Library of the College is open for consultation every Friday from 3 to 4.30 P. M. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past two years, and no effort will be spared to make it what the Institution requires. Donations to this object either in money or books are earnestly solicited.

By the gift of a permanent fund of $1000 from the late James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities, and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms are provided in the new Geological Hall for the proper preservation and display of such specimens. The collections are to be arranged in the new rooms as rapidly as the cases and accommodations can be procured.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. The arrangements for these departments in the building recently erected are of the most ample and convenient description.

WANTS OF THE COLLEGE.

One of the pressing wants of the College is being supplied by the erection of a new building from the funds derived from the legacy of the late Mrs. Littleton Kirkpatrick. But the growth of the Institution and the demand for greater facilities for education, are creating others which appeal imperatively to the friends of the College.

1. Dormitories.

The high price of board and the difficulty of providing suitable accommodations for so large a body of students, render indispensable a building for students' rooms. The Trustees present this subject to the patrons of the College and earnestly solicit the means, not less than $35,000, to erect at once a building. It is believed that this would at once reduce the cost of education at Rutgers College fully one-third.

2. Library Fund.

A large present addition of books is essential to the progress of the Institution. A permanent fund is also wanted from the income of which to make yearly additions to the library and to bind up and keep in order what has been accumulated.

3. The General Funds.

The funds for the general purposes of the College require a large increase. The growth of the Institution requires a greater outlay for instruction. The salaries of the Professors ought to be increased, and additional help for the care of the museum and library is wanted.

REGISTER.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY. FEB. 22, 1872.

LIST OF CONTESTANTS AND PRIZE MEN.

Joseph R. Duryee,	Newark, *First Prize.*
John N. Wyckoff,	White-House, *Second Prize.*
William H. Bradley,	Washington, D. C.
Ralph W. Brokaw,	Paola, Kansas.
William F. Gaston,	Passaic.
John Oppie,	Griggstown.
Charles A. Runk,	New York City.
John W. Searing,	Saugerties, N. Y.

2. Junior Exhibition.

ORATORS FOR 1872.

Peithessophian Society.

Robert Adrain, New Brunswick,	The Hero.
Joseph W. Sutphen, New Brunswick,	Republicanism.
S. O. Vanderpoel, Jr., N. Brighton, N. Y.,	The International.
H. d'Eresby Weston, New Brunswick,	Justice and Mercy.

Philoclean Society.

Frederick Ernst Allen, Madison,
The Orator's Cross and Crown.

George Sharpe Knickerbocker, Upper Red Hook, N. Y.,
Practical Men.

Albert Dod Minor, Glenville, N. Y.,
How it will look.

John DeWitt Peltz, New Paltz, N. Y.,
The Spain of To-day.

3. Graduating Exercises.

BACHELORS OF ARTS, 1872—ORATIONS.

George H. Stevens, Albany, N. Y.,	Valedictory.
William J. Leggett, Hudson, N. Y.,	Latin Salutatory.
Martin N. Wyckoff, Middlebush,	English Salutatory.
Chas. A. Dunham, New Brunswick,	Philosophical Oration.
Thomas Clemens, New York City,	Tyranny.
J. S. N. Demarest, New Brunswick,	The New Japan.
George S. Duryee, Newark,	Ideality.
Edw'd D. Gillmore, Brooklyn, N. Y.,	Acquisition of Territory.
William H. Hoffman, High Bridge,	The Dead Living, and the Living Dead.
George H. Large, White-House,	Horace Greeley.
Benjamin C. Miller, Jr., Newark,	Popular Philosophy.
George A. Ries, Coytesville,	Superior Claims of Belief.
H. S. Rokenbaugh, New York City,	Benefits of War.
Louis J. Ryerson, Bloomingdale,	Whither.
Charles H. Steele, New Brunswick,	The Present Age.
Edward W. Strong, New Brunswick,	The Tichborne Trial.
John A. Van Neste, Griggstown,	Mysteries of Life.
Charles Wharton, Newark,	The Influence of unspoken Thought.

BACHELORS OF SCIENCE, 1872—THESES.

Albert S. Cook, Montville, *German Oration*—Best Thesis.
The Inclined Plane in the Morris Canal.

Edward F. Brooks, Greenwich,
The Jones Truss in a Philadelphia Bridge.

Joseph Burroughs, Trenton,
Railroad Construction.

John W. Herbert, Jr., Marlboro,
The Delaware and Raritan Canal.

William E. King, Drakeville,
The Wyoming Coal Fields.

George B. Ogden, Bridgeton—Second best Thesis.
The Catenary and its Applications to Suspension Bridges.

Frederic J. Potter, Rahway,
The Sewerage of New Brunswick.

James Fitz Randolph, Morristown,
Hydraulic Limes and Cements.

Charles H. Vannier, Brooklyn, N. Y.,
The Steam Engine.

Richard L. Williams, Rahway,
Bell's Bridge.

PRIZES AWARDED.

Brodhead Prize for Classics,	George H. Stevens. / Edward W. Strong.
Suydam Prize for Natural Science,	Benjamin C. Miller, Jr.
Suydam Prize for Composition,	George H. Large.
Bradley Prize for Mathematics,	William J. Leggett.
Prize for Mineralogy,	John W. Herbert, Jr.
Prize for best Thesis,	Albert S. Cook.
Prize for second best Thesis,	George B. Ogden.
Schermerhorn Prize for Composition,	William W. Cook.
M. W. Smith Prize for Oratory, best,	Joseph R. Duryee.
" " " " 2d "	John N. Wyckoff.
Van Doren Prize for Essay on Missions,	William W. Cook.

MASTER'S ORATION.

John T. Van Cleef, (1869), Jersey City.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James Le Fevre.	1862—Francis A. Horton.
1855—Isaac L. Kip.	1863—William Smith.
1856 { George V. N. Baldwin. / Silas D. Scudder.	1864—William H. Leupp, Jr.
	1865—William De Hart.
1857 { Jas. W. Schermerhorn. / Benjamin C. Sears.	1866—John G. Van Slyke.
	1867—Peter L. Vanderveer.
1858—Robert O. Currie, Jr.	1868—Vernon B. Carroll.
1859—T. Sandford Doolittle.	1869—William E. Griffis.
1860—Dupuytren Vermilye.	1870—R. Augustus Pearse.
1861—William P. Mesick.	1871—John W. Conklin.

1872—George H. Large.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.	1859—William Cornell.
1855—Milton A. Fowler.	1860—Dupuytren Vermilye.
1856—Josiah Jansen.	1861———————.
1857—D. Ten Broeck Reiley.	1862—Abram Q. Garretson.
1858—John B. Drury.	1863—Joseph M. Dixon.

1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Vanderveer.
1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.
1871—Rodolph C. Oakley.
1872—Benjamin C. Miller, Jr.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.
1869—Martin Bahler.
1870—Alexander Johnson.
1871—Willard P. Voorhees.
1872—George H. Stevens. Edward W. Strong.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin C. Nevius.
1868—Edward Benedict.
1869—Martin Bahler.
1870—Frederick A. Canfied.
1871—William N. Todd.
1872—William J. Leggett.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1866	Archibald Mercer.	Vernon Bond Carroll.
1867	John Talmage Van Cleef.	William Elliot Griffis.
1868	Willet Denike, Jr.	George R. Garretson.
1869	W. H. Lawrence.	C. F. Van Inwegen.
1870	Wm. J. Leggett.	Benjamin C. Miller, Jr.
1871	Frederick E. Allen.	Madison M. Ball.
1872	Joseph R. Duryee.	John N. Wyckoff.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—William Elliot Griffis.
1869—R. A. Pearse.
1870—J. W. Conklin. Haley Fisk, Jr.
1871—Benjamin C. Miller, Jr.
1872—William W. Cook.

5. Honorary Degrees.

DOCTOR OF LAWS.

His Excellency Joel Parker, Freehold.

DOCTOR OF DIVINITY.

Rev. A. D. Lawrence Jewett, New Brunswick.
Rev. John Gaston, Passaic.
Rev. Acmon P. Van Gieson, Poughkeepsie, N. Y.
Rev. E. Tanjore Corwin, Millstone.

DOCTOR OF PHILOSOPHY.

Hon. John Eaton, Commissioner of Education, Washington, D.C.

MASTER OF ARTS.

Manning M. Knapp, Hackensack.

BACHELOR OF ARTS.

William Wirt Wendover, Kinderhook.
Willet Denike, Jr., Rahway.

6. Alumni Association.

OFFICERS FOR THE YEAR 1872–73.

Rev. JOHN L. SEE, D.D.,	President.
Rev. JAMES LE FEVRE,	Vice-President.
HENRY K. HOW,	Secretary.
HENRY R. BALDWIN,	Curator.
Rev. THEODORE B. ROMEYN, D.D.,	Orator, primarius.
Rev. CHARLES S. HAGEMAN, D.D.,	Orator, secundus.

7. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1872–73.

Professor JACOB COOPER,	President.
Professor DEWITT T. REILEY,	Vice-President.
Professor G. W. ATHERTON,	Corresponding Secretary.
Professor DAVID MURRAY,	Judge of Compositions.
Professor FRANCIS C. VAN DYCK,	Treasurer.
Professor JOHN C. SMOCK,	Recording Secretary.
Professor JOHN C. SMOCK,	Registrar.

MEMBERS ELECTED.

FROM THE CLASSES OF 1872.

JAMES S. N. DEMAREST.	GEORGE H. STEVENS.
CHARLES A. DUNHAM.	CHARLES WHARTON,
WILLIAM J. LEGGETT.	MARTIN N. WYCKOFF.

EDWARD F. BROOKS. ALBERT S. COOK.
GEORGE B. OGDEN.

FROM THE CLASS OF 1873.

WILLIAM W. COOK.	JOHN DEWITT PELTZ.
DANIEL T. HAWXHURST.	IRA VAN ALLEN.
PETER V. HUYSSOON.	CHARLES S. WRIGHT.

NECROLOGY.

JAMES SUYDAM.

This venerable Trustee of Rutgers College, died October 7, 1872, aged seventy-four. He was born in Newtown, L. I., and in 1813 entered upon his business career in New York. He was for many years a member of the well-known firm, Doremus, Suydam & Nixon. In 1838, having become satisfied with the gains of his mercantile career, he retired from active business. From that time he was occupied with the care of his estate, and with the many public benevolent trusts which he took on himself. He was one of the founders and directors of the United States Life Insurance Co. He was an active manager and vice-president of the American Bible Society. He was always a member of some of the benevolent boards of the Reformed Church. He was ready both with counsel and contributions to forward every good work. He was not only princely but modest in his benefactions. He especially delighted in aiding young men to obtain an education, and many men now shining in the American pulpit are ready to acknowledge with gratitude their obligations to Mr. Suydam for help. He gave largely to the Theological Seminary and to the College. James Suydam Hall is a monument of his liberality. He endowed the Professorship of Polemic and Didactic Theology now filled by Dr. A. B. Van Zandt. He aided in the purchase of the house now occupied by Dr. Van Zandt, and he has left further large sums for the care of the buildings and grounds of the Theological Seminary.

He became a Trustee of the College in 1853, and was a most faithful and efficient officer. He made many timely and liberal donations for its support. He founded two of the prizes in College. He gave a fund for supplying the library with learned periodicals. He subscribed generously to the Endowment of the College, and in his will he has made a further gift of $20,000 to its general funds.

His life was one of spotless purity. He lived with a constant sense of his responsibility for the right use of that which God gave him. He has been truly called "the good steward." "He was a father to the poor." The blessing of him who was ready to perish came upon him, and he caused the widow's heart to sing for joy.

JOHN RUTHERFURD.

John Rutherfurd was born July 21, 1810, and died November 21, 1871, aged sixty-one. His ancestry were Scotch. His grandfather, John Rutherfurd, was a large land proprietor in New Jersey and was one of the Board of Proprietors, and hence one of the successors of those to whom the government of East Jersey was originally granted. His residence was upon the banks of the Passaic and comprised the ground now known as Rutherfurd Park. At a very early age he went to live with his grandfather, and at nine years of age was sent to the Newark Academy, and subsequently to Dr. Brownlee's school at Basking Ridge. His father Robert Walter Rutherfurd was a graduate of Princeton College, and it was his intention that the son should be educated there also. But having made a visit to one of his young friends who was a student there, and having by him been taken into the Dining Hall of the "Commons," he was so shocked at the rudeness of the table manners, that he resolved to seek his education elsewhere. So he applied for admission to Rutgers College;—but his first experience here was scarcely more satisfactory. For the committee of Dutch Dominies who examined him had each his traditional clay pipe, and while they regaled themselves they nearly suffocated their victim during the two hours examination. He was graduated from Rutgers College in 1829. Among his classmates were William F. Beekman of New York, Rev. John Forsyth, D.D., Chaplain at West Point, and Dr. Augustus F. Taylor of New Brunswick.

He studied law with Elias Van Arsdale of Newark, but after practising for two years, he abandoned the profession, in order to aid his grandfather in the management of his landed estate. From that time down to his death he was occupied with private business and with schemes for the developement of the resources of the state. He was in the best sense a public spirited, far-sighted and enterprising citizen. Every enterprise which would advance the interests of his state, found in him a friend and promoter. He was the projector of numerous railroads. He was interested largely in the mining of coal and iron. He was a hereditary member of the council of Proprietors, and its President. He was a Director in the New Jersey Agricultural Society. He was an officer in the Episcopal Church and often a representative in its diocesan conventions. He was an active member and at his death President of the New Jersey Historical Society, and had made liberal contributions to its funds and to its collections of valuable manuscripts, documents and literary curiosities.

He had never in the ordinary sense entered public life, but had in the various enterprises in which he had engaged, contributed much more than most public men to the prosperity and development of the state. He was a retiring and modest man, and shrank from the display and turmoil of political life. But he was a wise and energetic manager of his own and public affairs. He was trusted in council and beloved in all the walks of private life, and his name will long be revered and cherished.

GRAMMAR SCHOOL.

REV. DEWITT T. REILEY, A.M., RECTOR.
ROBERT S. WOODRUFF, JR., A.M., PRINCIPAL.

This School prepares boys for the Classical and Scientific departments of the College, for business, or affords a high school course.

It is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is within one block of the Railroad Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain in the building until the train starts. The *Building* is large and commodious, well ventilated, with an abundance of room for recitation, drill, gymnastics, cabinets, etc., affording accommodation for two hundred students.

The following is a brief Schedule of the Classes and studies:

PREPARATORY DEPARTMENT.

Reading, Spelling, Arithmetic, (through Division), Grammar, (Elementary), Geography, (with map drawing), Botany, Writing, Drawing, Singing, Object Lessons, Composition, Declamation, Gymnastics.

Instruction in Natural Science, through Lectures by Rev. S. Lockwood, Ph.D. Boys finish this department when about twelve years of age.

GRAMMAR SCHOOL DEPARTMENT.

V. Class.—Arithmetic, to Addition of Fractions; Reading; Writing; Geography, Intermediate commenced; Spelling; Grammar, Elementary; History of the United States; Vocal Music; Natural Science, by oral instruction.

IV. Class.—Arithmetic, through Fractions and review; Reading; Writing; Geography, Intermediate finished; Spelling; Grammar, Elementary finished; Latin begun; History of United States; Vocal Music; Natural Science, by oral instruction.

COLLEGE CLASSES.

III. Class.—Arithmetic, through Interest; Latin Grammar and Reader begun; Composition, Fischer's Manual, (First Book); German begun; Geography, Common School; History of United States; Grammar; Natural History and Familiar Science by Lectures; Mental Arithmetic, Reading, Writing, Spelling.

II. Class.—Arithmetic finished, Latin Reader (finished), equivalent to six books of Cæsar, Cicero begun, Fischer's Manual (Second Book), Greek Grammar and Lessons and two books of the Anabasis, Grammar, History of England, Natural History and Technology by Lectures, German, Reading, Writing, Spelling.

I. Class.—Latin, Cicero finished; Sallust's Catiline, Virgil, Fischer's Manual, Greek Anabasis (three books finished), Iliad (three books), Algebra, Geometry, Review of Elementary Studies, Geology and Agricultural Zoology by Lectures.

BUSINESS CLASSES.

B. Class.—Arithmetic, through Interest; Mental Arithmetic; Book-keeping; History of United States; Grammar; Geography, Common School; Natural History and Familiar Science by Lectures; German; Reading, Writing, Spelling.

A. Class.—Arithmetic finished, Algebra, Book-keeping, Commercial Law, History of England, Constitution of the United

States, German, French, Natural Philosophy, Physiology, Natural History and Technology by Lectures, Grammar, Reading, Writing, Spelling.

HIGH SCHOOL CLASS.

H. CLASS.—Geometry, Algebra, English Literature and Rhetoric, Political Economy, Physical Geography, General History, Chemistry, Botany, Geology and Agricultural Zoology by Lectures, German, French.

Composition, Elocution, Gymnastics and Military Drill in all the classes throughout the year. The studies in all the classes are compulsory, unless the student is excused by personal application of parents or guardians. The pupil usually remains in each class one year.

Scholars are received into the School at any time, and assigned to the class which they are qualified to enter. After leaving the Fourth Class, the scholar chooses the Business or Classical Course. In each there are three classes. At the end of the course the pupil is prepared to enter the Classical or Scientific department of the College.

CLASSICAL COURSE.—Latin is begun in the Fourth Class, and studied during the four years. Greek is studied during two years. *Young men*, however, who are able and diligent can, by great effort, prepare for College in less time, and special provision and extra teachers are provided for such. No young man, however, should make the attempt unless absolutely compelled to do so. Moreover, attention to English studies, and the English Language, and lectures upon Technology and Natural History give variety to the education of the classical student.

THE BUSINESS COURSE.—This comprises two years in the A and B Classes. The instruction is intended to furnish the best practical knowledge of business that is possible in the time allowed. Book-keeping is taught throughout the course, continual practice being required in this, and the business forms. Commercial Law is given in the form of lectures. Commercial

Arithmetic is taught with special regard to accuracy and rapidity. Algebra, History, Physiology, Constitution of the United States, Natural History, Natural Philosophy, and the German and French Languages, are parts of the course. A course of lectures on Technology familiarizes the student with the progress of the useful arts and inventions, and the meaning and use of scientific terms.

High-School Course.—The instruction will be in studies more general than in the Business Course, Geometry, Chemistry, Botany, Political Economy, German and French, English Language and Literature, and General History will be studied during this year. The students of this class will share in all the general exercises of the School, and will be fitted at the end of the year to enter the Scientific School.

Physical Training.—This consists in Military Drill, Calisthenics and Gymnastics, which are practised every day, under an experienced teacher.

General.—The best maps, charts and diagrams are used in the school. A cabinet of Geology and Natural History has been secured, and will be largely increased. The Rutgers College Cabinets of Natural History are also open to the students, and visits to them are made occasionally by each class, under the direction of the teacher of Natural History. A library of books of reference is being collected, and may be used by all. The school will accommodate two hundred students, whose condition, progress in study, etc., is made known to their parents by weekly or monthly reports.

Preparatory Department.—A Preparatory Department for boys from six to twelve years of age, is under the charge of a lady teacher. This department is entirely separate from the Grammar School. It is provided with models, maps and charts, and has the use of the Cabinet of Natural History for object teaching. It has the benefit of the Gymnasium and Apparatus belonging to the Grammar School, and the other teachers are employed in it as far as necessary.

The object of this department is to give boys a systematic course of instruction from the beginning, and to prepare them to enter the regular classes of the Grammar School at the proper time.

NATURAL SCIENCE.—In answer to many inquiries in regard to this course we would say that it has been adapted to the best of our ability to the requirements of the times and the necessities of the pupil. It is begun in the Preparatory department by teaching the facts and observations of natural phenomena. This is continued in the Grammar School in the form of familiar science, Zoology and Natural History, the most interesting things in the Vegetable and Mineral world and the structure of the earth. To this is added the useful arts. This part of the course is entirely in the form of Lectures, illustrated by specimens. In the higher classes, brief text books are used in some of the departments of Natural Science. Every attempt is made to encourage the taking of notes in the lowest classes.

The department is under the charge of the Rev. S. LOCKWOOD, Ph.D., well known in this country as a Naturalist, and on both sides of the ocean as an original observer.

Attendance.

The hours of attendance are from 8.30 A. M. to 1.30 P. M. For absence, tardiness or failures in recitations, *written* excuses are expected from parents or guardians.

Calendar.

First Quarter	begins,	- - - - -	September 4th.
Second	"	" - - - - - -	November 13th.
Third	"	" - - - - - -	January 29th.
Fourth	"	" - - - - - -	April 9th.

Recess during Christmas week.

Terms for Day Pupils.

Preparatory Department,	$ 9	per quarter of ten weeks.
4th, 5th and B Classes,	13	" " " " "
A Class,	14	" " " " "
H Class,	15	" " " " "
3d College,	16	" " " " "
1st and 2nd College,	18	" " " " "

The tuition is to be paid at the beginning of each quarter. No deduction for absence, unless occasioned by protracted sickness, extending over half a quarter, when the loss will be shared equally between the parents and the School. Pupils will be charged from the time of entrance.

BOARDING PUPILS.—Connected with the School is a large and pleasantly situated dwelling, with eight acres of ground attached, under the immediate charge of the Rector.

TERMS.—Board, Tuition, Fuel and Light, $100 per quarter of ten weeks. No extras, except for washing, attendance of a physician, and studies not in the regular course.

Each pupil must bring napkins, towels, napkin-ring, fork and spoon (plated), umbrella, overshoes. *All articles must be marked with the full name.* Payments made on the same conditions as day scholars.

Attendance 1872.

1st College Class	19	3d Class,	16
2d College Class,	24	4th College Class,	22
A Class,	22	5th College Class,	15
H Class,	16	Primary Department,	24
B Class,	16		
Total,			174

378.7 R9A

CATALOGUE

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1873–'74.

CALENDAR.

1873-74.

1873.	June 18,	Wednesday: Commencement. Vacation.
"	September 22,	Monday: First Session begins.
"	December 24,	Wednesday: First Session ends. Vacation.
1874.	January 8,	Thursday: Second Session begins.
"	February 23,	Monday: Sophomore Exhibition.
"	April 1,	Wednesday: Second Session ends. Vacation.
"	April 9,	Thursday: Third Session begins.
"	May 18, 19,	Monday and Tuesday: Senior Examinations.
"	June 13, 15,	Saturday and Monday: Examinations for admission.
"	June 14,	Sunday: Baccalaureate Sermon by the President.
"	June 16,	Tuesday: Meeting of Alumni: Exercises of the Literary Societies: Junior Exhibition in the Evening.
"	June 17,	Wednesday: Commencement. Vacation.
"	September 21,	Monday: First Session begins.
"	September 19, 21,	Saturday and Monday: Examinations for admission.
"	December 23,	Wednesday: First Session ends. Vacation.
1875.	January 7,	Thursday: Second Session begins.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

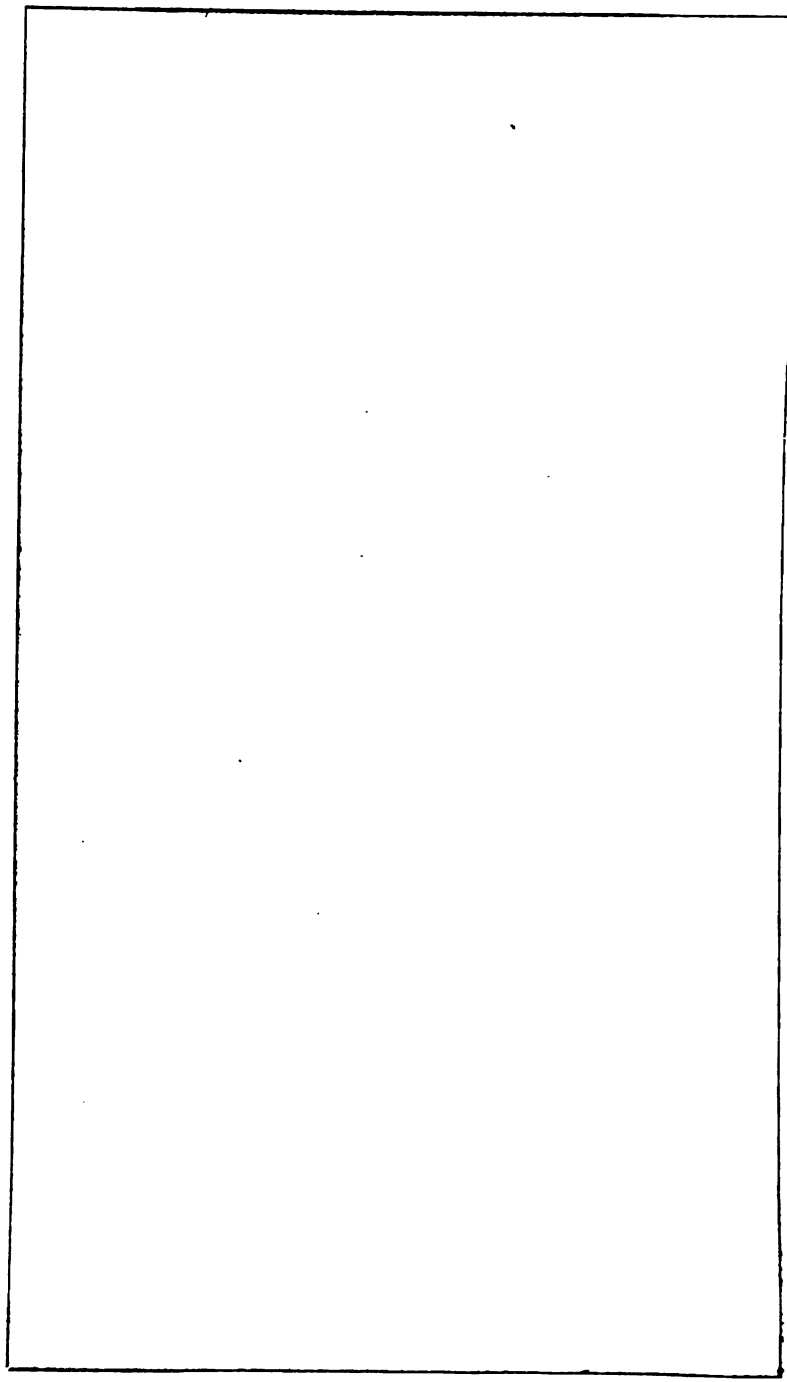
RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1873-74.

FOUNDED A. D. 1770.

NEW BRUNSWICK, N. J.:
TERHUNE & VAN ANGLEN'S PRESS, 31 ALBANY STREET.
1873.



TRUSTEES.

EX-OFFICIO.

His Excellency, JOEL PARKER, Freehold,

Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton,

Chief Justice of the State of New Jersey.

Hon. ROBERT GILCHRIST, Jersey City,

Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WM. H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
*WILLIAM VAN DEURSEN, M.D.,	New Brunswick,	Nov. 14, 1823
Hon. PETER D. VROOM, LL.D.,	Trenton,	July 15, 1828
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N. Y.,	July 17, 1837
Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
*Hon. PETER VREDENBURG,	Freehold,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
*J. ROMEYN BRODHEAD, LL.D.,	New York City,	April 12, 1853
MAURICE E. VIELE, Esq.,	Albany, N. Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Po'keepsie, N. Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N. Y.,	July 27, 1853

*Deceased.

NAMES.	RESIDENCES.	DATE OF ELECTION.
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Rev. THOMAS C. STRONG, D.D.,	Ithaca, N. Y.,	June 29, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Wash'ton, D. C.,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N. Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N. Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N. Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Po'keepsie, N.Y.,	April 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Albany, N. Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N. Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N. Y.,	April 13, 1871
SAMUEL SLOAN, Esq.,	New York City,	June 20, 1871
GEORGE C. LUDLOW, Esq.,	New Brunswick,	June 17, 1873
Hon. WILLIAM A. NEWELL,	Allentown,	June 17, 1873
Rev. ISAAC S. HARTLEY,	Utica, N. Y.,	June 17, 1873
*Hon. A. O. ZABRISKIE,	Jersey City,	June 17, 1873

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board*,
New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer*,
Office—39 Albany Street, New Brunswick.

PETER THOMAS, *Janitor*.

*Deceased.

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,

(PRESIDENT)

THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,

(VICE-PRESIDENT)

Professor of Chemistry, Natural History, and Agriculture.

REV. DEWITT TEN BROECK REILEY, A.M.,

Professor of the Latin Language and Literature, and Rector of the Grammar School.

DAVID MURRAY, A.M., PH.D.,†

Professor of Mathematics, Natural Philosophy, and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, D.D.,

COLLEGIATE CHURCH *Professor of Rhetoric, Logic, and Mental Philosophy.*

REV. JACOB COOPER, D.C.L.,

Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A. M.,

Professor of Mining and Metallurgy.

†Absent by permission.

GEORGE W. ATHERTON, A.M.,

VOORHEES *Professor of History, Political Economy, and Constitutional Law;—and Military Superintendent.*

REV. CARL MEYER, D.D.,

Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A. M.,

Professor of Analytical Chemistry.

EDWARD A. BOWSER, M. S., C. E.,

Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A. M.,

Adjunct Professor of Mathematics and Graphics.

CHARLES G. ROCKWOOD, A. M., PH.D.,

Professor of Mathematics, Natural Philosophy, and Astronomy.

JAMES KENNEDY BARTON, B. S., C. E.,

Tutor in Mathematics.

GEORGE W. ATHERTON, A. M.,

Librarian.

ISAAC EDGAR HASBROUCK, A. M.,

Assistant-Librarian.

Catalogue of Students During the Year

ENDING JANUARY 1, 1874.

Senior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
WILLIAM BOGARDUS BERRY,	Montclair,	54 Schureman St.
†PARKER J. BIXBY,	New York City,	109 Neilson St.
WILLIAM H. BRADLEY,	Washington, D. C.,	96 George St.
RALPH WATSON BROKAW,	Somerset, Kansas,	Middlebush.
EPHRAIM CUTTER,	Woodbridge,	Woodbridge.
CHARLES DAVIS,	Saugerties, N.Y.,	54 Schureman St.
TITUS ELWOOD DAVIS,	Barrytown, N.Y.,	13 Hertzog Hall.
J. V. DEMOTT,	Middlebush,	41 Schureman St.
JOSEPH RANKIN DURYEE,	Newark,	Newark.
HOWARD NEWTON FULLER,	New Baltimore, N. Y.,	41 Sch'n St.
PERRY JAMES FULLER,	New Baltimore, N. Y.,	41 Sch'n St.
WILLIAM FREDERICK GASTON,	Passaic,	49 Schureman St.
HARRY LATIMER JANEWAY,	New Brunswick,	Pinehurst.
CHARLES H. T. KRUGER,	Hoboken,	66 Schureman St.
GEORGE DEWITT LYDECKER,	Nyack Turnpike, N. Y.,	41 H. Hall.
JOHN RICHARD MANLEY,	New Brunswick,	98 Somerset St.
CHARLES AUGUSTUS MEYER,	New Brunswick,	Easton Ave.
THEODORE DENTON MILLS,	Port Jervis, N.Y.,	49 Sch'n St.
JOHN OPPIE,	Griggstown,	20 Richmond St.

†Partial.

NAMES.	RESIDENCES.	ROOMS.
Ed. Trenchard Price,	Ramsey's,	
Isaac Pumyea,	New Brunswick,	Three-Mile Run.
Charles Augustus Runk,	Elizabeth,	Elizabeth.
Louis H. Schenck,	Neshanic,	78 Bayard St.
John Welch Searing,	Saugerties, N. Y.,	31 Paterson St.
Peter Davis Staats,	Raritan,	41 Schureman St.
William Stoddard,	New Brunswick,	100 George St.
Alan Hartwell Strong,	New Brunswick,	Hamilton Ave.
David Mather Talmage,	Amoy, China,	Middlebush.
Alex. B. Vandervoort,	Millstone,	Millstone.
Amos Van Etten, Jr.	Port Jervis, N.Y.,	49 Schureman St.
John Newton Wyckoff,	White House,	76 Bayard St.

Junior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
Frank Elwood Ackerman,	Brooklyn. N. Y.,	56 Schureman St.
John Haring Ackerman,	Spring Valley,	46 New St.
William Frederick Anderson,	E. Greenbush, N.Y.,	Livingston Ave.
Robert Barr,	Paterson,	21 Hertzog Hall.
Charles S. Bloomfield,	Uniontown,	Uniontown.
Howard Gillespy,	Saugerties, N. Y.,	45 French St.
Walter Timothy Griffin,	Barrytown, N. Y.,	23 Hertzog Hall.
Hendrick A. Hendrickson,	Queens, N. Y.,	Prof. Reiley's.
James Kemlo,	Brooklyn, N. Y.,	30 Hertzog Hall.
Walter Kip,	Passaic,	Cor. Kirkpatrick & Pater'n.
Henry Kipp,	Passaic,	Left College.
Louis John Lockwood,	New Brunswick,	56 Church St.
William Augustus Newell, Jr.,	Allentown,	Cor. Kirkpatrick & Pat.
John Philip Bausman Pendleton,	New Brunswick,	Hamilton St.
Frank Moyer Peters,	Newark,	Left College.
Philetus Theodore Pockman,	E. Greenbush, N.Y.,	Livingston Ave.
William Hall Quick,	Farmer Village, N. Y.,	78 Bayard St.
John H. Salisbury,	Catskill, N. Y.,	45 French St.
John Preston Searle,	Wyckoff,	46 New St.
Francis Page Slade,	Jersey City,	Left College.
John J. Snyder,	Saugerties, N. Y.,	74 Bayard St.
James G. Sutphen,	Millstone,	13 Morris St.
Thomas Delano Swift,	New Brunswick,	54 George St.
John Jacob Van Nest,	Millstone,	Left College.
Oliver Harris Walser,	New Brighton, N.Y.,	44 Hertzog Hall.
William Perry Watson,	Warrensburg, N. Y.,	56 Church St.
William Henry H. Way,	New Brunswick,	167 Neilson St.
George Morris Williamson,	Newton, N. Y.,	31 Paterson St.
Benjamin Van Doren Wyckoff,	Middlebush,	Middlebush.

Junior Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
GEORGE FREDERICK ASHTON,*	New Brunswick,	Left College.
EBENEZER CONDICT BABBITT,*	Mendham,	Left College.
SAMUEL BURR,	Plainfield,	Plainfield.
HOWARD VOORHEES BUTTLER,	New Brunswick,	Highland Park.
GANSEVOORT V. V. CORTELYOU,	New Brunswick,	Pine Grove.
HARRINGTON DODGE,	New York City,	74 Bayard St.
ICHY ZO HATTORI,	Japan,	25 Bayard St.
HENRY LATIMER JANEWAY, Jr.,	New Brunswick,	7 Livingston Ave.
PETER A. MONFORT,	New Utrecht, L. I.,	78 Bayard St.
ROBERT ANDERSON MEEKER,	Plainfield,	45 French St.
FRANKLIN LIPPINCOTT,*	Westville,	Left College.
ARTHUR L. TITSWORTH,	Plainfield,	45 French St.
FRANK VAN WYCK,	Po'keepsie, N.Y.,	49 Schureman St.
RYNIER VEGHTE.	Somerville,	14 French St.
STEPHEN S. VREELAND,	Greenville,	6 Schuyler St.
JACOB EWING WARD.	Madison,	56 Church St.
CHARLES L. D. WASHBURN,	Jersey City,	56 Church St.

*Left at the end of the two years' course.

Sophomore Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN BANCKER AYCRIGG,	Passaic,	Cor. Paterson & Kirkpat'k.
EUGENE SAMUEL BOOTH,	Bridgeport, Conn.,	19 Hertzog Hall.
CHARLES BRADLEY,	Washington, D. C.,	96 George St.
LEROY BRUMAGHIM,	Albany, N.Y.,	Cor. Paters'n & Kirkp.
JOHN P. CASPER,	Howe's Cave, N.Y.,	7 Hertzog Hall.
EDWIN EVERETT COLBURN,	New Baltimore, N.Y.,	59 Bayard St.
HENRY MILLER COX,	New Brunswick,	14 French St.
CORNELIUS PETERSON DITMARS,	Middlebush,	Middlebush.
EDWARD HENRY DURYEE,	Newark,	Newark.
THEOPHILUS A. FRIEDEL,	New York City,	Left College.
ELAM MAYHEW GARTON,	Wyoming, Del.,	Metuchen.
WILLIAM B. GILLMORE,	New York City,	41 Schureman St.
HENRY NILES JOHNSON,	Coeymans, N. Y.,	59 Bayard St.
HAYDN CLARK KELLY,	New Brunswick,	7 Morris St.
JOHN LEFFERTS, Jr.,	Flatbush, N. Y.,	25 Bayard St.
CHARLES A. LIMEBURNER,	Modena, N. Y.,	109 Neilson St.
JOHN EDWARD LYALL,	Hudson, N. Y.,	48 Hertzog Hall.
PETER H. MILLIKEN,	Bloomingburgh, N.Y.,	Prof. Reiley's.
THOMAS MORRELL MOORE,	New York City,	6 Schuyler St.
FRANK J. MUNDY,	Rahway,	18 Hertzog Hall.
DAVID MURRAY,	Delhi, N. Y.,	31 Paterson St.
WILLIAM HOSEA NASHOLDS,	Knox, N. Y.,	32 Hertzog Hall.
GEORGE LUTHER NEVIUS,	New Brunswick,	College Ave.
WILLIAM HORTON PRICE,	New Brunswick,	181 Burnet St.
JOHN DUFFIELD PRINCE, Jr.,	Flatbush, N. Y.,	109 Neilson St.
NAGATERU YASUJIRO OUTSKA,	Saga, Japan,	Livingston Ave.
JAMES AUGUSTUS ROMEYN,	Hackensack,	25 Bayard St.
WILLIAM WYCKOFF SCHOMP,	Bedminster,	56 Church St.
BERGEN BROKAW STAATS,	Middlebush,	Middlebush.
ROLAND HENSHALL STUBBS,	New Brunswick,	62 Bayard St.

NAMES.	RESIDENCES.	ROOMS.
PAUL FREDERICK SUTPHEN,	New Brunswick,	Neilson Avenue.
WILLIAM RIVERS TAYLOR,	Newark,	Newark.
FOSTER MCGOWAN VOORHEES,	Clinton,	56 Church St.
JOHN SCHENCK VOORHEES, Jr.,	New Brunswick,	Elm Ridge.
COURTLAND CALVIN VAN DEUSEN,	Hudson, N. Y.,	48 Hertzog Hall.
WILLIAM ARMITAGE VAN ZANDT,	Albany, N. Y.,	45 French St.
LARUE VREDENBURGH Jr.,	Somerville,	56 Church St.
THEODORE HAVELOCK WALSER,	New Brighton, N.Y.,	44 Hertzog Hall.
HARRY WESTBROOK WINFIELD,	Greenville,	96 George St.
SAMUEL ISETT WOODBRIDGE,	Wesson, Miss.,	Brookside.
JOHN ELIOT WOODBRIDGE,	New Brunswick,	Left College.

Sophomore Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
WILLIAM AUMACK,	Toms River,	25 Bayard St.
WILLARD W. CUTLER,	Morristown,	59 Bayard St.
SPENCER H. C. DEVAN,	New Brunswick,	51 Somerset St.
JEROME JOHNSON,	Brooklyn, N. Y.,	Left College.
GEORGE WILLIAM KUEHNLE,	Egg Harbor City,	49 Schureman St.
WILLIAM HUBERT OSBORNE,	Georgetown, Conn.,	79 George St.
JOSEPH G. PALMER,	New Brunswick,	63 French St.
CARLTON B. PIERCE,	New Brunswick,	15 Kirkpatrick St.
CHARLES S. ROE,	Middleburgh, N. Y.,	Left College.
EDWIN F. ROSS,	New Brunswick,	50 New St.
ISAAC DENMAN VANDERPOEL,	New York City,	79 George St.
JOHN WARREN, Jr.,	New Brunswick,	42 Somerset St.
NICHOLAS DOREMUS WORTENDYKE,	Jersey City.	Jersey City.

Freshman Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
H. Mackness Traphagen Beekman,	North Branch,	217 Commerce Sq.
Abraham S. Brinkerhoff,	Wood Ridge,	Prof. Reiley's.
William James Chesebro,	Knox, N. Y.,	32 Hertzog Hall.
Robert Findley Fischer,	New Brunswick,	Livingston Ave.
Earl Ansel Holdridge,	Po'keepsie, N. Y.,	Voorhees Station.
John Haines Knox,	New York City,	59 Bayard St.
James Pierp[illegible]nt Langdon, Jr.,	New Brunswick,	4 College Ave.
Marvin Thorne M[illegible]rchant,	New Brunswick,	8 College Ave.
Abram Van Cleef Nevius.	Millstone,	Millstone.
Cornelius H. Polhemus,	Middlebush,	Middlebush.
He[illegible]ry Parsell Schneeweiss,	New Brunswick,	64 Church St.
Harry Schoonmaker,	Kingston, N. Y.,	Cor. Kirk. & Pat.
William Geo. Ely See,	New Brunswick,	123 George St.
William Leggett Skinkle,	Newark,	74 Bayard St.
Garret Z. Snider,	Monsey, N. Y.,	98 Somerset St.
Herman Wendell Vanderpoel,	Staten Island, N.Y.,	54 Schureman.
John Quick Van Derveer,	North Branch,	217 Commerce Sq.
Jacob Winfred Van Keuren,	Dashville Falls, N. Y.,	42 H. Hall.
Wm. Herman Van Steenbergh,	Rhinebeck, N. Y.,	59 French St.
Stephen Co[illegible]dict V[illegible]n Winkle,	Rutherford Park,	56 Church St.
Henry Veghte,	Harlingen,	62 Church St.
Robert Stockton Wark,	New Brunswick,	30 George St.
Schuyler Neilson Warren,	New Brunswick,	42 Somerset St.
Samuel M. Woodbridge, Jr.,	New Brunswick,	Brookside.

Freshman Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
William Gardner Barnes,	Fonda, N. Y.,	59 French St.
Edwin Joseph Eneas,	Brooklyn, N. Y.,	56 Church St.
Alfred Wolcott Gibbs,	New Brunswick,	Somerset, cor. Div.
Yasutaro Hara,	Yedo, Japan,	49 Schureman St.
John Francis Ladley.	New Brunswick,	118 Albany St.
Leanor Fresnal Loree,	Rahway,	Rahway.
William James Nelson,	Piscataway,	Piscataway.
Timothy Foster Nostrand,	New Utrecht, N. Y.,	78 Bayard St.
John Lott Nostrand,	New Utrecht, N. Y.,	78 Bayard St.
Zen Kichy Ongawa,	Aichy, Japan,	Ret'd to Japan.
Yoshio Ohsawa,	Aichy, Japan,	Ret'd to Japan.
Charles Taylor Pomeroy,	Newark,	Newark.
Ellis Frank Potter,	Rahway,	49 Schureman St.
Edward Anderson Reiley,	Lambertville,	Prof. Reiley's.
William Maxon Stillman,	Plainfield,	49 Schureman St.
James Alexander Talmage,	Napanock, N. Y.,	Middlebush.
George McClellan Taylor,	Holmdel,	129 George St.
Josiah Tice,	Williamstown,	67 Church St.
Alfred Alexander Titsworth,	Dunellen,	54 Schureman St.
Clinton DeWitt Van Dyck,	Coxsackie, N. Y.,	12 George St.
Isaac Van Winkle,	Rutherford Park,	56 Church St.
LaRue Vredenburgh,	Springfield, Ill.,	20 Richmond St.
Ernest Patten Waite,	Metuchen,	Metuchen.
Daniel Waldo,	Uniontown,	Uniontown.
William Russell Whitehead,	Trenton,	109 Neilson St.

RECAPITULATION.

NEW JERSEY,	109
NEW YORK,	59
CONNECTICUT,	2
DELAWARE,	1
DISTRICT OF COLUMBIA,	2
ILLINOIS,	1
KANSAS,	1
MISSISSIPPI,	1
CHINA,	1
JAPAN,	5
TOTAL,	182

SUMMARY.

Classical Department.

SENIORS,	31
JUNIORS,	29
SOPHOMORES,	41
FRESHMEN,	24

Scientific Department.

GRADUATE STUDENTS,	2
SENIORS,	
JUNIORS,	17
SOPHOMORES,	13
FRESHMEN,	25
TOTAL,	182
IN COLLEGE,	173

CLASSICAL DEPARTMENT.

Faculty.

REV. WILLIAM H. CAMPBELL, D.D., LL.D. President.
Professor COOK, Chemistry, and Natural History.
Professor REILEY, Latin.
Professor MURRAY, Mathematics, Natural Philosophy, and Astronomy.
Professor DOOLITTLE, Rhetoric, Logic, and Mental Philosophy.
Professor COOPER, Greek.
Professor ATHERTON, History, Political Economy, and Constitutional Law.
Professor MEYER, French and German.
Professor VAN DYCK. Analytical Chemistry.
Professor HASBROUCK, Mathematics and Graphics.
Professor ROCKWOOD, Mathematics, Natural Philosophy, and Astronomy.
Tutor BARTON, Mathematics.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to the College will be held on the Saturday and Monday before Commencement, (June 13th and 15th) beginning at 9 o'clock, A. M., in the President's room. All who can do so are desired to present themselves on Saturday. Applicants for admission may also be examined on Saturday and Monday, September 19th and 21st at the same hour and place.

Candidates for advanced classes must sustain a satisfactory examination upon the subjects previously studied by the class which they propose to enter, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the Collegiate year.

Students who desire to pursue selected branches of study, may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following, or a full equivalent, are the requirements for admission to the Freshman Class:

LATIN.—Andrews and Stoddard's or Harkness' Grammar: Fischer's Manual of Latin Grammar and Composition—First Part: Cæsar's Gallic War: Two Books of Virgil's Æneid or Ovid's Metamorphoses: Cicero's Orations against Catiline, on the Manilian Law, for the poet Archias, and for King Deiotarus.

GREEK.—Hadley's Greek Grammar, including Prosody: Whiton's, or Crosby's Greek Lessons: Xenophon's Anabasis—three books: Arnold's First Greek Book, entire: Homer's Iliad—one book.

ENGLISH AND MATHEMATICS.—Arithmetic complete: Algebra, to Quadratic Equations: Plane Geometry—three books: Ancient and Modern Geography: English Grammar and Spelling: History of the United States.

2. Suggestions in regard to preparation.

LATIN.—In preparing in Latin the student should give much more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of the moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended to both teacher and student. This book has excellent references to the standard Grammars of Harkness and Andrews, and contains as much of Cæsar, Sallust and Cicero, as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Continental, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATIONS.—The examination is conducted in writing.

GREEK.—The examination will be: I. Upon the Grammar. Hadley's Grammar is used in the College, and is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including accent and quantity.

II. Upon Arnold's First Greek book (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation. In pronouncing prose the written accent must be followed. In Poetry, strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

English Grammar and Geography.—A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is also examined in spelling, reading and punc uation. Ancient Geography should be studied in connection with the Classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

History.—Candidates for admission are examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation, than to the particular book used.

3. Course of Instruction.

The Course of Instruction occupies four years, with three terms or sessions in each year.

The following is a scheme of the studies of the course. This scheme is not always strictly followed, either in the order of studies or the use of the particular text-books named; but it furnishes an exhibit of the amount of work required of students during the four years, and may indicate to candidates for advanced standing the equivalents which will be accepted from them:—

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Cicero de Amicitia; Fischer's Manual of Composition.—2. *Greek*—Plato's Apology and Crito; Wilkins' Greek Prose Composition; Hadley's Greek Grammar; Written translations from Greek into English. 3. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 4. *Natural History*—Dalton's Physiology; Lectures. 5. *Rhetoric*—Haven; Lectures.

SECOND TERM.

1. *Latin*—Livy; Fischer's Manual of Composition; Mythology (Eschenberg). 2. *Greek*—Felton's Greek Historians; Greek Prose Composition; Written Translations. 3. *Mathematics*—Loomis' Algebra completed; Loomis' Geometry, from Book IV. 4. *Natural History*—Zoology. 5. *English Literature*—Shaw's Manual; Craik's English of Shakespeare. 6. *Elocution*—Lectures.

THIRD TERM.

1. *Latin*—Cicero de Officiis; Fischer's Manual of Composition. 2. *Greek*—Felton's Greek Historians; Prose Composition; Written Translations; Ancient Chronology (Eschenberg). 3. *Mathematics*—Loomis' Geometry completed. 4. *Natural History*—Gray's Botany. 5. *English Literature*—Shaw's Manual; Lectures.

Sophomore Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Tacitus; Latin Composition. 2. *Greek*—Sophocles' Antigone, (Woolsey); Prose Composition; Written Translations; Ancient Geography (Eschenberg). 3. *Mathematics*—Loomis' Conic sections. 4 *Modern History*—Freeman's Outlines, with Written Essays.

SECOND TERM.

1. *Latin*—Plautus; Horace; Latin Composition. 2. *Greek*—Demosthenes on the Crown; Written Translations; Greek Antiquities (Eschenberg). 3. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 4. *Modern History*—Freeman's Outlines, with Written Essays.

THIRD TERM.

1. *Latin*—Quintilian; Latin Composition. 2. *Greek*—Aristophanes' Birds; Written Translations; Greek Antiquities; Lectures on Greek Literature. 3. *Mathematics*—Murray's Manual of Land Surveying, with Field Practice. 4. *Modern History*—Freeman's Outlines, with Written Essays.

Junior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry. 3. *Mental Philosophy*—Hickok's Empirical Psychology, and Hamilton's Metaphysics. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mathematics*—Loomis' Analytical Geometry.

SECOND TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry and Mineralogy. 3. *Mental Philosophy*—Hickok's Empirical Psychology, and Hamilton's Metaphysics; Lectures. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Plato's Phædo. 2. *Mathematics*—Loomis' Calculus.

THIRD TERM.

1. *Astronomy*—Lockyer. 2. *Chemistry*—Lectures on Technology. 3. *Constitutional History of England*—Creasy. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mechanics*—Smith's Analytical Mechanics.

Senior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Chemistry*—Lectures on Organic Chemistry. 2. *Political Economy*—Bowen, and Perry; Lectures. 3. *Moral Philosophy*—Wayland, and Hopkins; Lectures. 4. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Elementa Logices Aristoteleae. 2. *Astronomy*—With use of Instruments. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

SECOND TERM.

1. *Chemistry*—Lectures on Chemical Physics. 2. *International Law*—Woolsey; Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Geodesy*—Lectures. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

THIRD TERM.

1. *Geology*—Lectures; Geological Excursion. 2 *Architecture*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Logic*—Thompson's Outlines; Lectures. 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Bergk's Anthology. 2. *Modern Languages*—German. 3. *Analytical Chemistry*—Laboratory Practice. 4. *Hebrew*—Extra.

4. Remarks on the Course of Study.

In the above schedule all the studies up to the close of the Sophomore year are obligatory, and are intended to be of such a character as will be equally desirable whatever subsequent profession or career is chosen. During the Junior and Senior years some subjects are required of all regular students, while several others are made elective, one at least of which must be pursued.

LANGUAGES.

Latin.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition are continually required of the student.

Greek.—The Classical Greek authors are read constantly during the Freshman and Sophomore years, but during a portion of the subsequent years the time is devoted to the study of select authors and to giving a familiarity with the language.

French and German are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors.

Hebrew.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive Geometry, is optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations In the Senior year practice in the Chemical Laboratory is one of the elective studies.

RHETORIC AND METAPHYSICS.

Elocution.— During the Freshman year lectures are delivered on the general principles of Elocution, and a practical application of these principles is made by the appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver orig nal orations.

English Language and Literature.—These subjects are taught by a text-book, in connection with a course of lectures which are delivered to the Freshman Class.

Rhetoric is begun in the first term of the Freshman year, in order that the students may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

Mental Philosophy.—Hickok's Empirical Psychology and Hamilton's Metaphysics are the guide-books in this department. But neither is implicitly followed. As opportunity offers, lectures upon important topics are interspersed through the course.

Lectures.—A course of lectures on the chief representative thinkers in the different schools of Metaphysics is delivered to the Seniors during the last term of the course.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This course begins in the Sophomore year with Modern History. The study of these subjects is resumed again in the last term of the Junior year, and is continued through two terms of the Senior. The course consists of a study of text-books, with lectures and the writing of essays.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

	RESIDENCES.	TERMS EXPIRE.
FIRST CONGRESSIONAL DISTRICT.		
JONATHAN INGHAM, Esq.,	Salem,	April 12, 1876.
CHALKLEY ALBERTSON, Esq.,	Haddonfield,	April 12, 1878.
SECOND CONGRESSIONAL DISTRICT.		
Hon. WILLIAM PARRY,	Cinnaminson,	April 12, 1877.
WM. R. McILLVAINE, Esq.,	Trenton,	April 12, 1878.
THIRD CONGRESSIONAL DISTRICT.		
HENRY K. HOW, Esq.,	New Brunswick,	April 12, 1876.
Hon. WM. A. NEWELL,	Allentown,	April 12, 1878.
FOURTH CONGRESSIONAL DISTRICT.		
Hon. JOSEPH THOMPSON,	Readington,	April 12, 1875.
WM. R. JANEWAY, Esq.,	Franklin Township,	April 12, 1878.
FIFTH CONGRESSIONAL DISTRICT.		
Hon. HENRY C. PITNEY,	Morristown,	April 12, 1874.
Rev. JOHN STEELE, D.D.,	Paterson,	April 12, 1875.
SIXTH CONGRESSIONAL DISTRICT.		
FRANCIS H. DAWES, Esq.,	Newark,	April 12, 1874.
WILLIAM M. FORCE, Esq.,	Newark,	April 12, 1877.
SEVENTH CONGRESSIONAL DISTRICT.		
ABRAHAM S. DURYEE, Esq.,	New Durham,	April 12, 1878.
PETER HENDERSON, Esq.,	Jersey City,	April 12, 1878.

OFFICERS.

Hon. WILLIAM PARRY, *Chairman.*

HENRY K. HOW, *Secretary.*

Faculty.

Rev. William H. Campbell, D.D., LL.D., President.
Professor Cook, Chemistry, Natural History, and Agriculture.
Professor Doolittle, Rhetoric, and Mental Philosophy.
Professor Smock, Mining and Metallurgy.
Professor Atherton, History, Political Economy, and Constitutional Law; and Military Superintendent.
Professor Meyer, Modern Languages.
Professor Van Dyck. Analytical Chemistry.
Professor Bowser, Mathematics and Engineering.
Professor Hasbrouck, Mathematics and Draughting.
Professor Rockwood, Natural Philosophy, and Astronomy.
Tutor Barton, Mathematics.

Post Graduate Students.

Henry Augustus Neilson,.....New Brunswick.
Thomas B. Stillman,.....Plainfield.

1. Conditions of Admission.

Every applicant for admission must be sixteen years of age and must submit to the President proper testimonials of a good moral character. If an applicant for a State scholarship, he must also present to the President the certificate from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz: on the Saturday and Monday preceding Commencement, June 13th and 15th, beginning at 9 o'clock, A. M., in the President's room. Applicants for admission may also be examined on Saturday & Monday, September 19th and 21st, at the same hour and place.

Students may also enter an advanced class either at the beginning of the College year or at other times, on condition that they sustain an examination both on the preliminary studies and on those passed over by the class which they propose to enter.

Provision is made for such students as wish to devote themselves to special subjects, if they are prepared to go on profitably with the regular classes.

The following are the subjects on which those desiring to enter the Freshman class of the Scientific Department are examined. As they are all such as can be acquired in our best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete. 2. Algebra, to Quadratic Equations. 3. Plane Geometry—three books. 4. English Grammar—including spelling. 5. Descriptive Geography. 6. Physical Geography. 7. History of the United States.

2. Courses of Study.

Three distinct courses of study are included in the Schedule which follows:

I. A COURSE IN CIVIL ENGINEERING AND MECHANICS.

II. A COURSE IN CHEMISTRY AND AGRICULTURE.

III. A SPECIAL COURSE IN CHEMISTRY.

During the first and second years the studies of the two full courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches in either.

During the last two years the subjects of Higher Mathematics, Mechanics and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory, and Agriculture, in the other. The remaining subjects are pursued by the students of both courses together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is especially designed to meet the wants of those who cannot take the entire four years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course, receive from the Faculty a certificate of their attainments.

SPECIAL STUDENTS are received, and allowed to take any part of the above course; and particular provision is made for them, especially in the Laboratory, in Mathematics, and Surveying.

THE SPECIAL COURSE in Chemistry and Agriculture, occupying two years, is designed for those who wish to devote themselves exclusively to these branches. Opportunities of a very superior character are afforded to such students under the charge of Professors Cook, Smock, and Van Dyck, in the new Laboratory building.

SPECIAL PROVISION IS ALSO MADE FOR STUDENTS WHO DESIRE, AFTER COMPLETING THE REGULAR COURSE OF STUDY, TO TAKE POST-GRADUATE STUDIES.

In connection with the instruction in Agriculture in this Department, the Trustees maintain an extensive model farm, designed to illustrate the principles of agriculture, and also to test by experiment the value of different systems. It is under the charge of the Professor of Agriculture, and *every Wednesday* during term time will be devoted to giving upon the farm explanations of the experiments and their results, to the students in agriculture, as well as to any farmers who may desire to avail themselves of this privilege.

In accordance with the requirements of the Law, the students in this Department are drilled in Military Tactics by the Military Superintendent. Arms and accoutrements for this purpose are furnished by the Quarter-Master General of the State.

3. Organization.

This department of the College, has been designated by the Legislature of New Jersey, in accordance with the law of Congress:

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

Under this law a certain number of students from the State of New Jersey are received into this department of the College and educated free of expense for tuition. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent of Schools in each county. They are distributed among the counties in proportion to their population as follows:

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		
			40

COURSE OF STUDY.

Freshman Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *French.* 2. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 3. *Natural History*—Dalton's Physiology; Lectures. 4. *Rhetoric*—Haven; Lectures. 5. *Draughting*—Construction of Problems.

SECOND TERM.

1. *French.* 2. *Mathematics*—Loomis' Geometry, from Book IV. 3. *Natural History*—Zoology; Lectures. 4. *Elocution*—Lectures. 5. *English Literature*—Shaw's Manual; Craik's English of Shakespeare. 6. *Draughting.*

THIRD TERM.

1. *French.* 2. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 3. *Natural History*—Gray's Botany; Lectures. 4. *English Literature*—Shaw's Manual; Lectures. 5. *Draughting.*

Sophomore Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Surveying*—Murray's Manual; Field Exercises and Mapping. 2. *Descriptive Geometry*—Church. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Haven. 5. *History*—Freeman's Outlines.

SECOND TERM.

1. *Descriptive Geometry*—Church; Construction of Problems. 2. *Chemistry*—Lectures. 3. *Mental Philosophy*—Haven. 4. *History*—Freeman's Outlines.

THIRD TERM.

1. *Leveling and Railroad Curves*—Henck's Field Book; Field Practice, and Plotting. 2. *Shades, Shadows and Perspective*—Church; Construction of Problems. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Lectures. 5. *History*—Creasy's Constitutional History of England.

Junior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *German.* 2. *Analytical Geometry*—Peck. 3. *Natural Philosophy*—Snell's Olmsted. 4. *History of Civilization*—Guizot. 5. *Constitutional History of the United States*—Text book and Lectures. 6. *Draughting.*

SECOND TERM.

1. *German.* 2. *Differential and Integral Calculus*—Peck. 3. *Natural Philosophy*—Snell's Olmsted. 4. *Political Economy*—Bowen, and Perry. 5. *Constitutional History of the United States*—Text book and Lectures. 6. *Draughting.*

THIRD TERM.

1. *German.* 2. *Mechanics*—Bartlett, or Smith. 3. *Astronomy*—Loomis. 4. *International Law*—Woolsey. 5. *Draughting.*

Junior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Mineralogy* and *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures at the Farm. 4. *Natural Philosophy*—Snell's Olmsted. 5. *History of Civilization*—Guizot. 6. *Constitutional History of the United States*—Text-book and Lectures.

SECOND TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures. 4. *Natural Philosophy*—Snell's Olmsted. 5. *Political Economy*—Bowen, and Perry. 6. *Constitutional History of the United States*—Text-book and Lectures.

THIRD TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Vegetable Physiology. 4. *International Law*—Woolsey.

Senior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Mechanics*—Bartlett, or Smith. 2. *Geodesy*—Theory and Practice of Triangulation. 3. *Chemistry*—Lectures on Organic Chemistry. 4. *Moral Philosophy*—Wayland, and Hopkins.

SECOND TERM.

1. *Engineering*—Mahan. 2. *Geodesy*—Practical Astronomy; Indeterminate Analysis. 3. *Chemistry*—Lectures on Chemical Physics. 4. *Moral Philosophy*—Butler's Analogy.

THIRD TERM.

1. *Engineering*—Bridge-Building and Railway Practice. 2. *Architecture*—Lectures. 3. *Geology*—Lectures; Geological Excursion. 4. *Moral Philosophy*—Butler's Analogy.

Senior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Mining* and *Metallurgy*. 2. *Chemistry* and *Principles of Agriculture*—Lectures. 3. *Laboratory Practice*. 4. *Moral Philosophy*—Wayland, and Hopkins.

SECOND TERM.

1. *Agriculture*—Its methods and Products. 2. *Chemistry*—Lectures on Chemical Physics. 3. *Laboratory Practice*. 4. *Moral Philosophy*—Butler's Analogy.

THIRD TERM.

1. *Agriculture*—Animal Physiology; Care and Management of Domestic Animals. 2. *Architecture*—Lectures. 3. *Geology*—Lectures; Geological Excursion. 4. *Moral Philosophy*—Butler's Analogy.

SPECIAL COURSE IN CHEMISTRY.

First Year.

FIRST TERM—1. *Elements of Chemistry*—Text-book and Lectures. 2. *Blowpipe Analysis.* 3. *Elements of Mineralogy.*

SECOND TERM—1. *Physics and Chemistry*—Text-book and Lectures. 2. *Chemical Analysis*—Qualitative.

THIRD TERM—1. *Chemical Analysis*—Qualitative and Quantitative. 2. *Vegetable Physiology.*

Second Year.

FIRST TERM—1. *Chemical Analysis*—Analysis of Minerals, Ores, &c. 2. *Mineralogy*—Determinative.

SECOND TERM—1. *Chemical Physics*—Heat, Electricity, Magnetism, Galvanism and Electro-magnetism—Text-book and Lectures. 2. *Analysis of Fertilizers and Chemical Products.*

THIRD TERM—1. *Lectures on Geology.* 2. *Chemical Analysis*—Special Investigations.

EXAMINATIONS.

The classes in both departments are examined at the close of each term. The examinations are partly oral and partly written, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms, the examinations of the classes of the Scientific School are held in the presence of the Board of Visitors, who then make their semi-annual visits to the institution.

At the end of the third term, each member of the Graduating Class of the Scientific School is required to present a thesis on some scientific subject, a copy of which is to be written out upon paper suitable for binding, and deposited in the College Library.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

GRADUATION.

To all members of the Graduating Class of the Classical Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Classes, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commencement:

1. At the Commencement in 1874, and subsequently, the privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.
SECOND HONOR—English Salutatory.
THIRD HONOR—Philosophical Oration.
FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided that he must have been a member of his class for two years, and have a general grade in scholarship among the best two-thirds.

4. Eleven other speakers shall be chosen, of whom *six* shall be chosen by grade in scholarship, provided, that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and *five* shall be chosen by grade in composition and elocution during the Junior and Senior years, provided that in their general grade in scholarship they be among the best two-thirds.

REGULATIONS.

1. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8.40 o'clock.
2. The recitation hours extend from 9 o'clock A. M. to 1 o'clock P. M., during five days of the week.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon or evening, at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during term time without permission from the President.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one third of the term.
9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one-half of the maximum grade in all his studies, he shall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.

13. When a student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent to the parent, and the student admonished by the President. When twenty-four are recorded against him, he shall be dismissed from the College.
14. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures; provided, that, in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may, at their discretion, grant an extension of time for making up the omitted work.

The above privilege of making up omitted recitations does not extend to absences at the beginning of the term, previous to the student's entering upon his College duties.

COLLEGE EXPENSES.

FEES.

Tuition per annum,	$75 00
Incidentals—Janitor, fuel, &c., per annum,	8 00
Reading Room, per annum,	2 00
Admission Fee,	5 00
Graduation Fee,	7 50

Damages are in all cases chargeable to the persons committing them.

Of the above expenses, the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees, one third, viz $25 is payable at the beginning of each term.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus. They are also expected to provide themselves, at their own expense, with certain necessary sets of apparatus. These sets are to be retained throughout the course, but at the end of the course if the owners do not wish to retain them, they will be purchased at a fair price. If proper care has been exercised, a small discount only from the original cost will be made.

BOARD.

Board, with furnished rooms, can be obtained in New-Brunswick at the present time for $4 to $7 per week; board without rooms for $3.50 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz: at an expense of $34 per annum, payable one-half at the beginning of the first term and one-half at the beginning of the second term. The rooms are heated but not lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs, students are able to reduce somewhat their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This fund, the gift of Rev. Elias Van Benschoten, in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlboro, N. J., left by his will to the Trustees of Rutgers College the sum of $500 to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-Mile-Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New-Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., of New Brunswick, N. J.

8. Rooms for Students.

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

The Trustees have resolved to proceed at once with the work of providing a Dormitory to furnish rooms for students. As soon as the necessary funds are secured the building will be begun.

PRIZES AND HONORS.

1. Suydam Prize for Composition.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library, before he can receive the prize.

Subject for 1874: "Froude's view of Henry VIII."

Committee, Rev. A. P. VAN GIESON, D.D.,
RICHARD M. DEWITT, Esq.,
Rev. AUGUSTUS BLAUVELT, D.D.

2. Suydam Prize in Natural Science.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of Studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize-man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject for the essay for 1874: "Enthymeme: Regular and Irregular — Figure and Mood"—To be written in Greek.
(Hamilton's Lectures on Logic: Lecture XX; Sect. LXXII.)

Subject for the examination for 1874: Porphyry's Isagoge in Aristotelis Organon.

Committee: Rev. JOHN DEWITT, D.D.,
Rev. ALFRED STUBBS, D.D.,
Rev. JOHN WOODBRIDGE, D.D.

An additional prize of $25 will be given by Professor Cooper, provided that at least five persons contend for it.

4. Bradley Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the second term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M.D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1874: Rev. MASON FERRIS, D.D.,
CHARLES DUNHAM, M.D.,
JOHN T. HILL, Esq.

6. Junior Prize for Composition.

This prize consists of $25 worth of books at wholesale prices, selected by the recipient, and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded, must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1874; "The Indian Question."

Committee: Woodbridge Strong, Esq.,
Rev. Alfred Stubbs, D.D.,
Rev. Mr. Lord.

7. Tunis Quick Prize in Spelling and English Grammar.

This prize, the gift of P. Vanderbilt Spader, Esq., of New Brunswick, is the income of $300, at 7 per centum, and is to be presented to that member of the Freshman Class, Classical or Scientific, who shall pass the best examination in Spelling and English Grammar.

The examination is to be conducted in writing by the Professor of English Literature, at as early a day as convenient in the second College term, and under such regulations as the Faculty may from time to time establish.

The prize may be withheld from any or all papers offered, either for want of merit or for failure of proper competition. In case the prize be not awarded in any year, it is to be offered one year later to the members of the same class, on the same conditions as at first.

All regulations as to time, manner and conditions of awarding the prize are subject to change by the Board of Trustees.

8. Peter Spader Prizes in Modern History.

These prizes, the gift of P. Vanderbilt Spader, Esq., are two in number, the income of $400 and $300, respectively, at 7 per centum, and are awarded to those members of the Sophomore Class, Classical or Scientific who present the best essays on some subject in Modern History, selected by the Professor of History, with the approval of the Faculty.

The subject is to be announced at the close of the Freshman year, and the competing essays are to be handed in on or before the third Monday in the third term of the Sophomore year.

The Committee, annually appointed by the Faculty, may decline to award these prizes, or either of them, for want of merit in the essays or for failure of proper competition. In case the prizes be not awarded in any year, they are to be offered one year later to the members of the same class, on the same conditions as at first.

Successful essays are to be copied on paper selected by the Faculty, and deposited in the College Library, before the writer receives his prize.

All regulations as to time, manner and conditions of awarding the prizes are subject to change by the Board af Trustees.

Subject for 1874: "The American Revolution."

Committee: GEORGE C. LUDLOW, Esq.,
ANDREW K. COGGSWELL, Esq.,
Rev. C. D. HARTRANFT.

9. Prize for Mineralogy.

A prize consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the Graduating class of 1874, in the Scientific Department, who shall be able to identify and name the largest number of them.

10. Theses Prizes.

Two prizes of books are offered for the best and second best theses of the graduating class of the Scientific Department for 1874.

11. Senior Essays on American History.

Two prizes of books are offered to members of the graduating class, of 1874, for the best essays on an assigned subject in American History.

Subject for 1874: "The causes that led to the formation of the Federal Constitution."

12. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons of whom one is chosen by each Society and a third by the Faculty, and is based upon relative excellence as writers and speakers.

13. Reports of Scholarship.

At the close of each term reports of the the scholarship maintained during the term in each subject are made up from the records, and transmitted to the parents or guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty, is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

LIBRARY AND MUSEUM.

1. Library.

The Library of the College is open for consultation at stated times during each term. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past three years, and no effort will be spared to make it what the Institution requires. Donations to this object either in money or books are earnestly solicited.

By the gift of a permanent fund of $1000 from the late James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities, and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms are provided in the new Geological Hall for the proper preservation and display of such specimens. By the kindness of numerous friends, at the last Commencement, suitable cases were provided to receive the collections which the College already possesses, and they are now being arranged as rapidly as circumstances will allow.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. The arrangements for these departments in the building recently erected are of the most ample and convenient description.

WANTS OF THE COLLEGE.

One of the pressing wants of the College has just been supplied by the erection of the new Kirkpatrick Memorial Chapel, which was dedicated on the 3d of December, 1873. But the growth of the Institution and the demand for greater facilities for education, are creating others which appeal imperatively to the friends of the College.

I. Professors' Salaries.

It is absolutely indispensable to the future prosperity of the Institution, that the Professors receive such an increase of salary that they can devote themselves wholly to the interests of the College, without the necessity of doing outside work in order to live.

Will not the thoughtful friends of the College take this matter into serious consideration?

2. Dormitories.

The high price of board and the difficulty of providing suitable accommodations for so large a body of students, render indispensable a building for students' rooms. The Trustees present this subject to the patrons of the College and earnestly solicit the means, not less than $35,000, to erect at once a building. It is believed that this would reduce the cost of education at Rutgers College fully one-third.

3. Library Fund.

A large present addition of books is essential to the progress of the Institution. A permanent fund is also wanted from the income of which to make yearly additions to the library and to bind up and keep in order what has been accumulated.

4. The General Funds.

The funds for some general purposes of the College require a large increase: First, to make suitable provision for the care of grounds and buildings; Second, to make each year fresh additions to the supply of working apparatus, in every department, Maps, Charts, Models, Drawings, Casts, &c. A fund that could be used for these and similar specific objects would greatly increase the working efficiency of the Institution.

REGISTER.

I. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, *Feb.* 22, 1873.

LIST OF CONTESTANTS AND PRIZE MEN.

JOHN H. SALISBURY, Catskill, N. Y., *First Prize.*
FRED. W. ANDERSON, E. Greenbush, N. Y., *Second Prize.*

W. T. GRIFFIN, Barrytown, N. Y.
H. A. HENDRICKSON, Queens, N. Y.
WM. A. NEWELL, Jr., Allentown.
P. T. POCKMAN, E. Greenbush, N. Y.
JOHN P. SEARLE, Wyckoff.
BENJ. V. D. WYCKOFF, Middlebush.

2. Junior Exhibition.

ORATORS FOR 1873.

Peithessophian Society.	*Philoclean Society.*
R. W. BROKAW Somerset, Kansas,	CHAS. DAVIS, Saugerties, N. Y.,
T. D. MILLS, Port Jervis, N. Y.,	J. R. DURYEE, Newark,
C. A. RUNK, Elizabeth,	WM. F. GASTON, Passaic,
J. N. WYCKOFF, White House.	JOHN OPPIE, Griggstown.

3. Graduating Exercises, *June* 18, 1873.

HONORS.

Classical Section.

DANIEL T. HAWXHURST, Marlboro, *Latin Salutatory*—First Honor.
J. DEWITT PELTZ, New Paltz, N.Y., *English Salutatory*—Second Honor.
WILLIAM W. COOK, Richboro, Pa., *Philosophical Oration*—Third Honor.
I. VAN ALLEN, Bethl'm C'ntre, N.Y., *Scientific Oration*—Fourth Honor.
FREDERICK E. ALLEN, Newark, *Valedictory Oration*—Rhetorical Honor.

Scientific Section.

ELBRIDGE VAN SYCKEL, Jr., Bound Brook, *German Oration*—First Honor.

ORATIONS.

Classical Section.

Geo. R. Dixon, Grahamsville, N. Y., G. S. Knickerbocker, Red Hook, N.Y.
Chas. P. Dorrance, Freehold, C. Rockefeller, Germantown, N. Y.,
Peter V. Huyssoon, Paterson, Isaac S. Schenck, New Brunswick,
Adrian V. Martense, Flatbush, N.Y., Jos. W. Sutphen, New Brunswick,
Abram I. Martine, Nyack, N. Y., Jacob Van Fleet, New Brunswick,
Chas. S. Wright, New Utrecht, N.Y.

Scientific Section.

Henry A. Neilson, New Brunswick, C. T. Van Santvoord, N. Y.City.
Chas. F. Stillman, Plainfield, Wm. Williamson, New Brunswick.

SCIENTIFIC THESES.

FIRST PRIZE.

EL. VAN SYCKEL, Jr., Bound Brook, *Pettit's Stiffened Triangular Truss.*

SECOND PRIZE.

THOS. B. STILLMAN, Plainfield, *The Ashes of Plants.*

Oswald Haldane, Cold Spring, N.Y., *The Manufacture of Iron.*
James T. Lillis, Hudson City, *The Improvements Adopted in the Water Works of Jersey City.*
Henry A. Neilson, New Brunswick, *Clay; its Products, Uses and Manufacture.*
Myron R. C. Peck, Albany, N. Y., *The New Capitol at Albany.*
Clarence Peters, Newark, *Zinc and its Manufactures.*
William P. Stephens, Rahway, *Light Bridges.*
Charles F. Stillman, Plainfield, *The Adulteration of Medicines.*
Chas. T. Van Santvoord, N. Y. City, *The Compound Steam Engine.*
Herbert F. Watson, Clayton, *The Truss in the Railway Bridge at Hightstown.*
Wm. Williamson, New Brunswick, *Plan and Specifications of a New Bridge of Stone and Iron for crossing the Raritan at New Brunswick.*

PRIZES AWARDED.

Brodhead Prize for Classics,	JOHN DEWITT PELTZ.
Suydam Prize for Natural Science,	WILLIAM W. COOK.
Suydam Prize for Composition,	FRED. E. ALLEN.
Bradley Prize for Mathematics,	CLAUDIUS ROCKEFELLER.
Prize for Mineralogy,	THOMAS B. STILLMAN.
Prize for best Thesis,	ELBRIDGE VAN SYCKEL, Jr.
Prize for second best Thesis,	THOMAS B. STILLMAN.
Schermerhorn Prize for Composition,	JOS. R. DURYEE.
M. W. Smith Prize for Oratory, First,	J. H. SALISBURY.
" " " " Second,	F. W. ANDERSON.
Van Doren Prize for Essay on Missions,	GEO. R. DIXON.
Prizes for Historical Essays, First,	J. H. SALISBURY.
" " " " Second,	F. W. ANDERSON.
" " " " Third,	C. L. D. WASHBURN.

MASTER'S ORATION.

L. LAFLIN KELLOGG, (1870), New York City.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James Le Fevre.
1855—Isaac L. Kip.
1856—George V. N. Baldwin. Silas D. Scudder.
1857—Jas. W. Schermerhorn. Benjamin C. Sears.
1858—Robert O. Currie, Jr.
1859—T. Sandford Doolittle.
1860—Dupuytren Vermilye.
1861—William P. Mesick.
1862—Francis A. Horton.
1863—William Smith.
1864—William H. Leupp, Jr.
1865—William De Hart.
1866—John G. Van Slyke.
1867—Peter L. Vanderveer.
1868—Vernon B. Carroll.
1869—William E. Griffis.
1870—R. Augustus Pearse.
1871—John W. Conklin.
1872—George H. Large.
1873—Fred. E. Allen.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.
1855—Milton A. Fowler.
1856—Josiah Jansen.
1857—D. Ten Broeck Reiley.
1858—John B. Drury.
1859—William Cornell.
1860—Dupuytren Vermilye.
1861———
1862—Abram Q. Garretson.
1863—Joseph M. Dixon.
1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Vanderveer.
1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.
1871—Rodolph C. Oakley.
1872—Benjamin C. Miller, Jr.
1873—William W. Cook.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.
1869—Martin Bahler.
1870—Alexander Johnson.
1871—Willard P. Voorhees.
1872—George H. Stevens. Edward W. Strong.
1873—John DeWitt Peltz.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin C. Nevius.
1868—Edward Benedict.
1869—Martin Bahler.
1870—Frederick A. Canfield.
1871—William N. Todd.
1872—William J. Leggett.
1873—Claudius Rockefeller.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1866—	Archibald Mercer.	Vernon Bond Carroll.
1867—	John Talmage Van Cleef.	William Elliot Griffis.
1868—	Willet Denike, Jr.	George R. Garretson.
1869—	W. H. Lawrence.	C. F. Van Inwegen.
1870—	Wm. J. Leggett.	Benjamin C. Miller, Jr.
1871—	Frederick E. Allen.	Madison M. Ball.
1872—	Joseph R. Duryee.	John N. Wyckoff.
1873—	John H. Salisbury.	Fred. W. Anderson.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—William Elliot Griffis.
1869—R. A. Pearse.
1870—J. W. Conklin, and Haley Fisk, Jr.
1871—Benjamin C. Miller, Jr.
1872—William W. Cook.
1873—Jos. R. Duryee.

5. Honorary Degrees.—*June* 18, 1873.

LL.D.

Rev. Prof. Wm. Henry Green, D.D., Princeton.
Hon. David Murray, Japanese Commissioner of Education.

D.D.

Rev. John Steele, Paterson.
Rev. Wm. Hayes Ward, N. Y. City.
Rev. R. M. Stratton, Yonkers, N.Y.
Rev. A. T. Stewart, Holland, Mich.
Rev. Isaac S. Hartley, Utica, N.Y.
Rev. Aug. Blauvelt, Kingston, N.Y.
Rev. M. Cohen Stuart, Amsterdam, Holland.—(*Dec* 3, 1873.)

PH.D.

George W. Hill, (1859), Washington, D. C.

A.M.

Rev. J. G. Crate, Pemberton.
C. Ridgely Goodwin, Baltimore, Md.

C.E.

George D. Howell, Jersey City.
Floyd M. Vanderoef, Jersey City.
Wm. E. Kelley, New Brunswick.
Prof. E. A. Bowser, New Brunsw'k.
Jas. K. Barton, New York City.

6. Alumni Association.

OFFICERS FOR THE YEAR 1873—74.

Rev. Paul D. Van Cleef, D.D.,	President.
Hon. Wm. A. Newell,	Vice Presidents.
Rev. J. B. Thomps , D.D.,	
Rev. Edward W. Appleton, D.D.,	
Rev. Theodore B. Romeyn, D.D.,	
Henry K. How,	Secretary.
Rev. John L. See, D.D.,	Treasurer.
Rev. David Cole, D.D.,	Biographer.
Rush Van Dyke, M.D.,	Chairman of Standing Committee.
Hon. Richard L. Larremore, N. Y. City,	Orator Primarius.
Rev. John Gaston, D.D.,	Orator Secundus.

7. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1873–74.

Prof. T. S. Doolittle, President. Prof. F. C. Van Dyck, Rec. Sec'y.
Dr. A. B. Van Zandt, Vice Prest. Prof. E. A. Bowser, Treasurer.
Prof. G. W. Atherton, Cor. Sec'y. Prof. J. Cooper, Registrar.
Prof. J. C. Smock, Judge of Compositions.

MEMBERS ELECTED.

FROM THE CLASSES OF 1873.

William W. Cook.	John DeWitt Peltz.
Daniel T. Hawxhurst.	Ira Van Allen.
Peter V. Huyssoon.	George S. Wright.
Wm. A. Chapman.	Thos. B. Stillman.
Chas. F. Stillman.	Elbridge Van Syckel, Jr.

FROM THE CLASS OF 1874.

Ephraim Cutter.	Geo. D. W. Lydecker.
Chas. Davis.	Theo. D. Mills.
Perry J. Fuller.	John N. Wyckoff.

Harry L. Janeway.

NECROLOGY.

The year 1873 has been remarkable in the history of the College for the number of distinguished members of the Board of Trustees who have been removed by death. Chancellor Zabriskie, Judge Vredenburgh, Governor Vroom, Dr. Van Deursen and Hon. John Romeyn Brodhead were men whose names and services conferred honor not merely upon this Institution with whose interests they had been so long identified, but upon the commonwealths in which they resided. Three of them were graduates of the College, and all were its earnest friends.

PETER VREDENBURGH.

PETER VREDENBURGH, for fourteen years a justice of the Supreme Court of New Jersey, died at St. Augustine, Florida, whither he had gone on account of his health, on Monday, March 24th, 1873. Judge Vredenburgh was a son of Dr. Peter Vredenburgh, a physician of good standing in the County of Somerset. He was graduated at Rutgers College at New Brunswick in 1828, received the degree of A M. in 1831, and the Honorary degree of LL.D., in 1866. In 1849 he was elected a Trustee, and so continued till the time of his death. He was admitted to the bar in 1829, and settled at Freehold in Monmouth County, where he soon commanded a very large practice. In 1841 he was elected a member of the Legislative Council, and in 1854 was appointed a justice of the Supreme Court by Governor Price, and reappointed in 1862 by Governor Olden. He was a lawyer of eminent ability, a clear, original, and deep thinker, and his legal opinions are regarded as models of eloquence as well as learning and ability.

WILLIAM VAN DEURSEN.

At the time of his death, Dr. Van Deursen was the senior member of the Board of Trustees of Rutgers College, having been elected Nov. 14th, 1823. He was born at New Brunswick May 16th, 1791, and died here February 16th, 1873, being consequently, in his 82d year. He was graduated at Rutgers College in the class of 1809, and received the degree of A.M. in 1812. After completing his course of Medical study in New York, he served, for a while, as Physician and Surgeon in one of the City Hospitals. He then practiced his profession a short time at Imlaystown, Monmouth County; but presently removed again to his native city where he remained, one of its most useful and honored citizens, for a period of nearly sixty years. In 1815 he married Miss Hendrickson, of Monmouth County, who died many years ago. His second wife, previously Miss Martin of Piscataway, whom he married in 1853, survives him.

JOHN ROMEYN BRODHEAD.

JOHN ROMEYN BRODHEAD died in New York May 6th, 1873. He was born in Philadelphia, January 2d, 1814, was graduated at Rutgers College in 1831, admitted to the Bar in 1835, practiced law in New York for two years, and then devoted himself to the study of American History. In 1839 he was attached to the American Legation to the Hague. Having a knowledge of Dutch he was appointed by the New York Legislature to transcribe the original documents relating to the history of the State. Three years were spent in Holland, England, and France, in this service, and he obtained more than 5,000 separate documents. From 1846 to 1849 he was Secretary of the American Legation in London, and from 1853 to 1857 was Naval Officer in the city of New York. He published the first volume of his "History of the State of New York" in 1853, and the second in 1871. He received the degree of A.M. from his *alma mater* in 1834, and the Honorary degree of LL.D., in 1862. He was elected a Trustee of Rutgers College, April 12th, 1853, and served on the Board until the time of his death.

ABRAHAM OOTHOUT ZABRISKIE.

CHANCELLOR ZABRISKIE was born at Greenbush, N. Y., June 10th, 1807. He died at Truckee, California, June 27th, 1873. When he was but two years old, his family removed to Millstone, N. J. He graduated at Princeton College in 1825, received there the degree of A.M., in 1828, and the Honorary degree of LL.D. in 1862. He was admitted to the bar in 1828, and with a brief interval practiced in Hackensack till 1849. From 1849 to 1866, he practiced his profession in Jersey City. In the latter year he was appointed Chancellor of the State of New Jersey, his term expiring in 1872. In 1873, he was appointed by Governor Parker a member of the Commission, authorized by the Legislature at its previous session, to propose amendments to the State Constitution, and was unanimously elected by his colleagues as President. In 1860, he received from Rutgers College the Honorary degree of LL.D. In 1863, he was elected a member of the Board of Trustees, but resigned in 1866 on being appointed Chancellor. In June, 1873, he was reelected to the Board, but died before taking his seat with it. He was a devoted friend to the Institution, and in his will gave $1000 to the College Library.

PETER D. VROOM.

This distinguished citizen of New Jersey was born at Hillsborough, Somerset County, December 12th, 1791, and died at Trenton November 18th, 1873. In 1808, at the age of seventeen, he was graduated at Columbia College, New York, after which he studied law at Somerville, N.J., and was admitted to the bar in 1813. He settled in Somerset County, and represented it in the State Legislature in 1827 and 1829. In the Fall of 1829 he was elected Governor at a joint meeting of the Legislature, and again in 1830 and 1831. He was again elected in 1833, and for the three terms succeeding, but finally declined in 1836. In 1837 he was appointed by President Van Buren, in conjunction with Murray of Maryland, and Randolph of Virginia, a commissioner to adjust the Indian claims in Mississippi. In 1838 he was elected to Congress. In 1844 he was one of the delegates from Somerset to the Constitutional Convention, and took an active part in its deliberations. In 1852 he was a Presidential Elector, casting his vote for Franklin Pierce of New Hampshire. Gov. Fort tendered him the appointment of Chief-Justice of the Supreme Court of New Jersey, but it was declined. President Pierce in 1854 appointed him Minister to Prussia, and he remained at Berlin until 1857, his course there giving much satisfaction to the Government. In 1861 he was a member of the Peace Convention at Washington and served on the Committee on the State of the Union. In 1864 he was appointed one of the Commissioners of the Sinking Fund of New Jersey. He was also Reporter of the Supreme Court, and published a number of volumes of reports. In 1868 he was again a Presidential Elector, casting his vote for Horatio Seymour. He was twice honored with the title of LL.D., first from Columbia College in 1837, and, 20 years later, from the College of New Jersey, at Princeton. He has been a Trustee of Rutgers College since 1828, and after Dr. Van Deursen's death was the oldest member of the Board.

JAMES RUSSEL CHRISTIE.

James Russel Christie was born October 11th, 1809, and died at Warwick, N. Y., May 5th, 1873. He was graduated at Rutgers College in 1828, in the class with Judge Vredenburgh, and received the degree of A.M. in 1831. He was licensed for the bar, but after a practice of a few years in the city of New York, he left the profession. His attention was mostly given to literature, and he was much esteemed by those who knew him, for his scholarship and his christian deportment. A friend says of him: "He had the entire confidence of the community. While living, his presence discouraged vice and encouraged virtue. He was liberal to the poor."

GRAMMAR SCHOOL.

REV. DEWITT T. REILEY, A.M., RECTOR.
ROBERT S. WOODRUFF, JR., A.M., PRINCIPAL.

This School prepares boys for the Classical and Scientific departments of the College, for business, or affords a High School course.

It is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is within one block of the Railroad Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain in the building until the train starts. The *Building* is large and commodious, well ventilated, with an abundance of room for recitation, drill, gymnastics, cabinets, etc., affording accommodation for two hundred students.

The following is a brief Schedule of the Classes and studies:

PREPARATORY DEPARTMENT.

Reading; Spelling; Arithmetic, through Division; Grammar, Elementary; Geography, with map drawing; Botany; Writing; Drawing; Singing; Object Lessons; Composition; Declamation; Gymnastics.

Instruction in Natural Science, through Lectures by Rev. S. Lockwood, Ph.D. Boys finish this department when about twelve years of age.

GRAMMAR SCHOOL DEPARTMENT.

V. CLASS.—Arithmetic, to Addition of Fractions; Reading; Writing; Geography, Intermediate begun; Spelling; Grammar, Elementary; History of the United States; Vocal Music; Natural Science, by oral instruction.

IV. CLASS.—Arithmetic, through Fractions and review; Reading; Writing; Geography, Intermediate finished; Spelling; Grammar, Elementary finished; Latin begun; History of the United States; Vocal Music; Natural Science, by oral instruction.

COLLEGE CLASSES.

III. CLASS.—Arithmetic, through Interest; Latin Grammar and Reader begun; Composition, Fischer's Manual, First Book; German begun; Geography, Common School; History of the United States; Grammar; Natural History and Familiar Science by Lectures; Mental Arithmetic; Reading; Writing; Spelling.

II. Class.—Arithmetic finished; Latin Reader finished, equivalent to six books of Cæsar; Cicero begun; Fischer's Manual Second Book, Greek Grammar and Lessons, and two books of the Anabasis; Grammar; History of England; Natural History and Technology by Lectures; German; Reading; Writing; Spelling.

I. Class.—Latin: Cicero finished, Sallust's Catiline, Virgil, Fischer's Manual; Greek: Anabasis, three books finished, Iliad, three books; Algebra; Geometry; Review of Elementary Studies; Geology and Agricultural Zoology by Lectures.

BUSINESS CLASSES.

B. Class.—Arithmetic, through Interest; Mental Arithmetic; Book-keeping; History of the United States; Grammar; Geography, Common School; Natural History and Familiar Science by Lectures; German; Reading, Writing, Spelling.

A. Class.—Arithmetic finished; Algebra; Book-keeping; Commercial Law; History of England; Constitution of the United States; German; French; Natural Philosophy; Physiology; Natural History and Technology by Lectures; Grammar; Reading; Writing; Spelling.

HIGH SCHOOL CLASS.

H. Class.—Geometry; Algebra; English Literature and Rhetoric; Political Economy; Physical Geography; General History; Chemistry; Botany; Geology and Agricultural Zoology by Lectures; German; French.

Composition, Elocution, Gymnastics and Military Drill in all the classes throughout the year. The studies in all the classes are compulsory, unless the student is excused by personal application of parents or guardians. The pupil usually remains in each class one year.

Scholars are received into the School at any time, and assigned to the class which they are qualified to enter. After leaving the Fourth Class, the scholar chooses the Business or Classical Course. In each there are three classes. At the end of the course the pupil is prepared to enter the Classical or Scientific department of the College.

Classical Course.—Latin is begun in the Fourth Class, and studied during the four years. Greek is studied during two years. *Young men*, however, who are able and diligent, can, by great effort, prepare for College in less time, and special provision and extra teachers are provided for such. No young man, however, should make the attempt unless absolutely compelled to do so. Moreover, attention to English studies, including the English Language, and lectures upon Technology and Natural History give variety to the education of the classical student.

THE BUSINESS COURSE.—This comprises two years in the A and B Classes. The instruction is intended to furnish the best practical knowledge of business that is possible in the time allowed. Book-keeping is taught throughout the course, continual practice being required in this, and the business forms. Commercial Law is given in the form of lectures. Commercial Arithmetic is taught with special regard to accuracy and rapidity. Algebra, History, Physiology, Constitution of the United States, Natural History, Natural Philosophy, and the German and French Languages, are parts of the course. A course of lectures on Technology familiarizes the student with the progress of the useful arts and inventions, and the meaning and use of scientific terms.

HIGH-SCHOOL COURSE.—The instruction will be in studies more general than in the Business Course. Geometry, Chemistry, Botany, Political Economy, German and French, English Language and Literature, and General History will be studied during this year. The students of this class will share in all the general exercises of the School, and will be fitted at the end of the year to enter the Scientific School.

PHYSICAL TRAINING.—This consists in Military Drill, Calisthenics and Gymnastics, which are practiced every day, under an experienced teacher.

GENERAL.—The best maps, charts and diagrams are used in the school. A cabinet of Geology and Natural History has been secured, and will be largely increased. The Rutgers College Cabinets of Natural History are also open to the students, and visits to them are made occasionally by each class, under the direction of a teacher of Natural History. A library of books of reference is being collected, and may be used by all. The school will accommodate two hundred students, whose condition, progress in study, etc., is made known to their parents by weekly or monthly reports.

PREPARATORY DEPARTMENT.—A Preparatory Department for boys from six to twelve years of age, is under the charge of a lady teacher. This department is entirely separate from the Grammar School. It is provided with models, maps and charts, and has the use of the Cabinet of Natural History for object teaching. It has the benefit of the Gymnasium and Apparatus belonging to the Grammar School, and the other teachers are employed in it as far as necessary.

The object of this department is to give boys a systematic course of instruction from the beginning, and to prepare them to enter the regular classes of the Grammar School at the proper time.

NATURAL SCIENCE.—In answer to many inquiries in regard to this course we would say that it has been adapted to the best of our ability to the requirements of the times and the necessities of the pupil. It is

begun in the Preparatory department by teaching the facts and observations of natural phenomena. This is continued in the Grammar School in the study of familiar science, Zoology and Natural History, the most interesting things in the Vegetable and Mineral world, and the structure of the earth. To this is added the useful arts. This part of the course is entirely in the form of Lectures, illustrated by specimens. In the higher classes, brief text books are used in some of the departments of Natural Science. Every attempt is made to encourage the taking of notes in the lowest classes.

The department is under the charge of the Rev. S. Lockwood, Ph.D., well known in this country as a Naturalist, and on both sides of the ocean as an original observer.

Attendance.

The hours of attendance are from 8.30 A. M. to 1.30 P. M. For absence, tardiness, or failure in recitations, *written* excuses are expected from parents or guardians.

Calendar.

First Quarter begins, - - - - - - -	September 4th.
Second " " - - - - - - -	November 18th.
Third " " - - - - - - - -	January 29th.
Fourth " " - - - - - - - -	April 9th.

Recess during Christmas week.

Terms for Day Pupils.

Preparatory Department, - - -	$ 9 per quarter of ten weeks.
4th, 5th and B Classes, - - -	13 " " " " "
A Class, - - - - - - -	14 " " " " "
H Class, - - - - - - -	15 " " " " "
3d College, - - - - - - -	16 " " " " "
1st and 2d College, - - - -	18 " " " " "

The tuition is to be paid at the beginning of each quarter. No deduction for absence, unless occasioned by protracted sickness, extending over half a quarter, when the loss will be shared equally between the parents and the School. Pupils will be charged from the time of entrance.

BOARDING PUPILS.—Connected with the School is a large and pleasantly situated dwelling, with eight acres of ground attached, under the immediate charge of the Rector.

TERMS.—Board, Tuition, Fuel and Light, $100 per quarter of ten weeks. No extras, except for washing, attendance of a physician, and studies not in the regular course.

Each pupil must bring napkins, towels, napkin-ring, fork and spoon (plated), umbrella, overshoes. *All articles must be marked with the full name.* Payments made on the same conditions as by day scholars.

Triennial Catalogue.

Graduates of the College and others, who may find errors or deficiencies in the last Triennial Catalogue, are urgently requested to send the proper corrections to the President of the College in order that they may be incorporated in the next edition.

Old Catalogues.

The College Library is in want of early issues of the Annual Catalogue with which to make up a few sets for binding. Friends who may have copies which they are willing to spare for such a purpose, will confer a particular favor by sending them to the Librarian.

Necrology.

Any facts respecting deceased graduates or students of the College, which will help to make the annual obituary notices more complete will be thankfully received at any time, and may be sent to the President or Librarian.

Form of Bequest.

A form of bequest is appended, in the hope that the friends of education will remember the College, and aid the earnest efforts of its friends, to make it as widely and as largely useful as possible. As long as it continues to prosper and enlarge, an increase of funds will be needed.

Bequest.

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, for the maintenance and support of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, to endow a Professorship of.....in said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, to increase the Library of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, to increase the Philosophical Apparatus of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey Dollars, for the endowment of the Grammar School of said College.

[illegible]

CATALOGUE

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1874–'75.

CALENDAR.

1874-75.

1874.	June 17,	Wednesday: Commencement. Vacation.
"	September 21,	Monday: First Session begins.
"	September 19, 21,	Saturday and Monday: Examinations for admission.
"	December 23,	Wednesday: First Session ends. Vacation.
1875.	January 7,	Thursday: Second Session begins.
"	February 22,	Monday: Sophomore Exhibition.
"	April 7,	Wednesday: Second Session ends. Vacation.
"	April 15,	Thursday: Third Session begins.
"	May 24, 25,	Monday and Tuesday: Senior Examinations.
"	June 19, 21,	Saturday and Monday: Examinations for admission.
"	June 20,	Sunday: Baccalaureate Sermon by the President.
"	June 22.	Tuesday: Meeting of Alumni: Exercises of the Literary Societies: Junior Exhibition in the Evening.
"	June 23,	Wednesday: Commencement. Vacation.
"	September 20,	Monday: First Session begins.
"	September 18, 20,	Saturday and Monday: Examinations for admission.
"	December 22,	Wednesday: First Session ends. Vacation.
1876.	January 6,	Thursday: Second Session begins.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1874-75.

FOUNDED A. D. 1770.

NEW BRUNSWICK, N. J:
TERHUNE & VAN ANGLEN'S PRESS, 31 ALBANY STREET.
1874.

TRUSTEES.

EX-OFFICIO.

His Excellency, JOEL PARKER, Freehold,

Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton,

Chief Justice of the State of New Jersey.

Hon. ROBERT GILCHRIST, Jersey City,

Attorney-General of the State of New Jersey.

BY ELECTION.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WM. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N.Y.,	July 17, 1837
*Rev. THOMAS DeWITT, D.D.,	New York City,	April 7, 1840
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
MAURICE E. VIELE, Esq.,	Albany, N.Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Po'keepsie, N.Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N.Y.,	July 27, 1853
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 18, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 18, 1858

*Deceased.

NAMES.	RESIDENCES.	DATE OF ELECTION.
Hon. JOSEPH P. BRADLEY, LL.D.	Wash'ton, D.C.,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N.Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N.Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N.Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Po'keepsie, N.Y.,	April 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Albany, N.Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N.Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N.Y.,	April 13, 1871
SAMUEL SLOAN, Esq.,	New York City,	June 20, 1871
GEORGE C. LUDLOW, Esq.,	New Brunswick,	June 17, 1873
Hon. WILLIAM A. NEWELL,	Allentown,	June 17, 1873
Rev. ISAAC S. HARTLEY, D.D.,	Utica, N.Y.,	June 17, 1873
CORTLANDT PARKER, Esq.,	Newark,	Mar. 31, 1874
Hon. THEO. F. RANDOLPH,	Morristown,	Mar. 31, 1874

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board*,
New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer*,
Office—89 Albany Street, New Brunswick.

PETER THOMAS, *Janitor*.

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT)
THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,
(VICE-PRESIDENT)
Professor of Chemistry, Natural History, and Agriculture.

REV. DEWITT TEN BROECK REILEY, A.M.,
Professor of the Latin Language and Literature, and Rector of the Grammar School.

DAVID MURRAY, A.M., PH.D.,†
Professor of Mathematics, Natural Philosophy, and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, D.D.,
COLLEGIATE CHURCH *Professor of Rhetoric, Logic, and Mental Philosophy.*

REV. JACOB COOPER, D.D., D.C.L.,
Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A.M.,
Professor of Mining and Metallurgy.

†Absent by permission.

GEORGE W. ATHERTON, A.M.,

VOORHEES *Professor of History, Political Economy, and Constitutional Law;—and Military Superintendent.*

REV. CARL MEYER, D.D.,

Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A.M.,

Professor of Analytical Chemistry.

EDWARD A. BOWSER, M.S., C.E.,

Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A.M.,

Adjunct Professor of Mathematics and Graphics.

CHARLES G. ROCKWOOD, A.M., PH.D.,

Professor of Mathematics, Natural Philosophy, and Astronomy.

GEORGE W. ATHERTON, A.M.,

Librarian.

ISAAC EDGAR HASBROUCK, A.M.,

Assistant-Librarian.

Catalogue of Students During the Year Ending January 1, 1875.

SENIOR CLASS.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
Frank Elwood Ackerman,	Brooklyn, N.Y.,	Left College.
John Haring Ackerman,	Spring Valley,	128 George St.
William Frederick Anderson,	E. Greenbush, N.Y.,	College Ave.
Robert Barr,	Paterson,	21 Hertzog Hall.
Charles S. Bloomfield,	Uniontown,	Left College.
Howard Gillespy,	Saugerties, N.Y.,	69 Albany St.
Walter Timothy Griffin,	Barrytown, N.Y.,	23 Hertzog Hall.
Hendrick A. Hendrickson,	Queens, N.Y.,	41 Hertzog Hall.
James Kemlo,	Brooklyn, N.Y.,	7 Hertzog Hall.
Walter Kip,	Passaic,	79 George St.
Louis John Lockwood,	New Brunswick,	56 Church St.
William Augustus Newell, Jr.,	Allentown,	35 Schureman St.
John Philip Bausman Pendleton,	New Brunswick,	Left College.
Philetus Theodore Pockman,	E. Greenbush, N.Y.,	College Ave.
William Hall Quick,	Farmer Village, N.Y.,	78 Bayard St.
John H. Salisbury,	Catskill, N.Y.,	69 Albany St.
John Preston Searle,	Wyckoff,	123 George St.
John J. Snyder,	Saugerties, N.Y.,	Left College.
James G. Sutphen,	Millstone,	13 Morris St.
Thomas Delano Swift,	New Brunswick,	54 George St.
Oliver Harris Walser,	NewBrighton, N.Y.,	48 Hertzog Hall.
William Perry Watson,	Warrensburg, N.Y.,	56 Church St.
William Henry H. Way,	New Brunswick,	167 Neilson St.
George Morris Williamson,	Newton, N.Y.,	31 Paterson St.
Benjamin Van Doren Wyckoff,	Middlebush,	Middlebush.

SENIOR CLASS.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
SAMUEL BURR,	Plainfield,	Left College.
HOWARD VOORHEES BUTTLER,	New Brunswick,	Highland Park.
GANSEVOORT V. V. CORTELYOU,	New Brunswick,	Pine Grove.
HARRINGTON DODGE,	New York City,	New York City.
ICHY ZO HATTORI,	Japan,	25 Bayard St.
HENRY LATIMER JANEWAY, JR.,	New Brunswick,	7 Livingston Ave.
PETER A. MONFORT,	New Utrecht, L.I.,	78 Bayard St.
ROBERT ANDERSON MEEKER,	Plainfield,	Plainfield.
ARTHUR L. TITSWORTH,	Plainfield,	55 Albany St.
FRANK VAN WYCK,	Poughkeepsie, N.Y.,	55 Albany St.
RYNIER VEGHTE,	Somerville,	Left College.
STEPHEN S. VREELAND,	Greenville,	Left College.
JACOB EWING WARD,	Madison,	56 Church St.
CHARLES L. D. WASHBURN,	Jersey City,	56 Church St.

JUNIOR CLASS.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN BANCKER AYCRIGG,	Passaic,	35 Schureman St.
EUGENE SAMUEL BOOTH,	Bridgeport, Conn.,	18 Hertzog Hall.
CHARLES BRADLEY,	Washington, D.C.,	13 Kirkpatr'k St.
LEROY BRUMAGHIM,	Albany N.Y.,	Left College.
*JOHN P. CASPER,	Howe's Cave, N.Y.,	————
EDWIN EVERETT COLBURN,	New Baltimore, N.Y.,	14 French St.
HENRY MILLER COX,	New Brunswick,	14 French St.
CORNELIUS PETERSON DITMARS,	Middlebush,	Middlebush.
EDWARD HENRY DURYEE,	Newark,	Newark.
ELAM MAYHEW GARTON,†	Wyoming, Del.,	Metuchen.
WILLIAM BUDD GILLMORE,	N.Y. City,	Cor. Pat'son & Kirkp'k.
HENRY NILES JOHNSON,	Coeymans, N.Y.,	14 French St.
HAYDN CLARK KELLY,	New Brunswick,	7 Morris St.
JOHN LEFFERTS, JR.,	Flatbush, N.Y.,	Left College.
CHARLES A. LIMEBURNER,	Modena, N.Y.,	109 Neilson St.
JOHN EDWARD LYALL,	Hudson, N.Y.,	26 Hertzog Hall.
PETER HOUSTON MILLIKEN,	Bloomingburgh, N.Y.,	123 George St.
THOMAS MORRELL MOORE,	New York City,	Left College.
FRANK J. MUNDY,	Rahway,	Left College.
DAVID MURRAY,	Delhi, N.Y.,	31 Paterson St.
WILLIAM HOSEA NASHOLDS,	Knox, N.Y.,	32 Hertzog Hall.
GEORGE LUTHER NEVIUS,	New Brunswick,	College Ave.
WILLIAM HORTON PRICE,	New Brunswick,	181 Burnet St.
JOHN DUFFIELD PRINCE, JR.,	Flatbush, L.I.,	109 Neilson St.
NAGATERU YASUJIRO OUTSKA,	Saga, Japan,	Left College.
JAMES AUGUSTUS ROMEYN,	Hackensack,	79 George St.
WILLIAM WYCKOFF SCHOMP,	Lesser Cross Roads,	56 Church St.
BERGEN BROKAW STAATS,	Middlebush,	Middlebush.
ROLAND HENSHALL STUBBS,	New Brunswick,	Left College.

*Deceased. †Graduates with the class of 1875.

NAMES.	RESIDENCES.	ROOMS.
PAUL FREDERICK SUTPHEN,	New Brunswick,	Neilson Avenue.
WILLIAM RIVERS TAYLOR,	Newark,	Newark.
FOSTER MCGOWAN VOORHEES,	Clinton,	56 Church St.
JOHN SCHENCK VOORHEES, JR.,	New Brunswick,	Elm Ridge.
COURTLAND CALVIN VAN DEUSEN,	Hudson, N.Y.,	26 Hertzog Hall.
WILLIAM ARMITAGE VAN ZANDT,†	Albany, N.Y.,	69 Albany St.
LARUE VREDENBURGH, JR.,	Somerville,	20 Richmond St.
THEODORE HAVELOCK WALSER,	NewBrighton, N.Y.,	48 Hertzog Hall.
HARRY WESTBROOK WINFIELD,	Greenvi e,	Greenville.
SAMUEL ISETT WOODBRIDGE,	Wesson, Miss.,	Left College.

JUNIOR CLASS.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
*WILLIAM AUMACK,	Toms River,	Left College.
WILLARD WALKER CUTLER,	Morristown,	59 Bayard St.
SPENCER H. C. DEVAN,	New Brunswick,	51 Somerset St.
GEORGE WILLIAM KUEHNLE,	Egg Harbor City,	49 Schureman St.
*WILLIAM HUBERT OSBORNE,	Georgetown, Conn.,	Left College.
*JOSEPH G. PALMER,	New Brunswick,	Left College.
CARLTON B. PIERCE,	New Brunswick,	15 Kirkpatrick St.
EDWIN F. ROSS,	New Brunswick,	50 New St.
ISAAC DENMAN VANDERPOEL,	New York City,	14 French St.
JOHN WARREN, JR.,	New Brunswick,	Left College.
*NICHOLAS DOREMUS WORTENDYKE,	Jersey City,	Left College.

*Left at the end of the two years' course. †Partial.

SOPHOMORE CLASS.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
H. Mackness Traphagen Beekman,	North Branch,	49 Schureman St.
Abraham S. Brinkerhoff,	Wood Ridge, Cor.	Bayard & Kirk'k.
William James Chesebro,	Knox, N.Y.,	32 Hertzog Hall.
Robert Findley Fischer,	New Brunswick,	Livingston Ave.
Earl Ansel Holdridge,	Po'keepsie, N.Y.,	47 Hertzog Hall.
John Haines Knox,	New York City,	14 French St.
James Pierpont Langdon, Jr.,	New Brunswick,	4 College Ave.
Marvin Thorne Merchant,	New Brunswick,	Left College.
Abram Van Cleef Nevius,	Millstone,	Millstone.
Cornelius Hoagland Polhemus,	Middlebush,	Middlebush.
Henry Parsell Schneeweiss,	New Brunswick,	126 George St.
Harry Schoonmaker,	Kingston, N.Y.,	Cor. Kirk. & Pat.
William Leggett Skinkle,	Newark,	74 Bayard St.
Garret Zabriskie Snider,	Monsey, N.Y.,	49 Schureman St.
Herman Wendell Vanderpoel,	Albany, N.Y.,	54 Schureman St.
John Quick Van Derveer,	North Branch,	14 French St.
Jacob Winfred Van Keuren,	Dashville Falls, N.Y.,	24 H. Hall.
Wm. Herman Van Steenbergh,	Rhinebeck, N.Y.,	14 French St.
Stephen Condit Van Winkle,	Passaic,	41 Schureman St.
Henry Veghte,	Harlingen,	62 Church St.
Robert Stockton Wark,	New Brunswick,	30 George St.
Schuyler Neilson Warren,	New Brunswick,	42 Somerset St.
Samuel M. Woodbridge, Jr.,	New Brunswick,	Brookside.
William Forman Wyckoff,	Wood Haven, L.I.,	78 Bayard St.

SOPHOMORE CLASS.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
WILLIAM GARDNER BARNES,†	Fonda, N.Y.,	56 Paterson St.
EDWIN JOSEPH ENEAS,	Brooklyn, N.Y.,	Left College.
ALFRED WOLCOTT GIBBS,	New Brunswick,	Left College.
YASUTARO HARA,	Yedo, Japan,	Ret'd to Japan.
WILLIAM SMITH KETCHAM,†	Newark,	Newark.
JOHN FRANCIS LADLEY,	New Brunswick,	118 Albany St.
LEANOR FRESNAL LOREE,	Rahway,	Rahway.
WILLIAM JAMES NELSON,	Piscataway,	Piscataway.
TIMOTHY FOSTER NOSTRAND,	New Utrecht, N.Y.,	78 Bayard St.
JOHN LOTT NOSTRAND,	New Utrecht, N.Y.,	78 Bayard St.
EDWARD INGELOW PITMAN,	Rugeley, Eng.,	College Farm.
CHARLES TAYLOR POMEROY,	Newark,	Newark.
ELLIS FRANK POTTER,	Rahway,	55 Albany St.
EDWARD ANDERSON REILEY,	Lambertville,	Prof. Reiley's.
WILLIAM MAXON STILLMAN,	Plainfield,	54 Schureman St.
KANECHERO TAKU,	Saga, Japan,	Livingston Ave.
JAMES ALEXANDER TALMAGE,	Napanock, N.Y.,	Left College.
GEORGE MCCLELLAN TAYLOR,	Holmdel,	129 George St.
JOSIAH TICE,	Williamstown,	67 Church St.
ALFRED ALEXANDER TITSWORTH,	Dunellen,	54 Schureman St.
CLINTON DEWITT VAN DYCK,†	Coxsackie, N.Y.,	57 Albany St.
ISAAC VAN WINKLE,	Passaic,	41 Schureman St.
LARUE VREDENBURGH,	Springfield, Ill.,	20 Richmond St.
ERNEST PATTEN WAITE,	Metuchen,	Left College.
DANIEL WALDO,	Uniontown,	Left College.
WILLIAM RUSSELL WHITEHEAD,	Trenton,	Trenton.

†Partial.

FRESHMAN CLASS.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
William Wallace Anderson,	Somerville,	49 Schureman St.
John Henry Banta,	Paterson,	79 George St.
John Bloomfield Beekman,	North Branch,	49 Schureman St.
Henry James Bogardus,	Yonkers, N.Y.,	33 Hertzog Hall.
Frederick Joseph Collier,	Hudson, N.Y.,	55 Albany St.
Garret Story Conover,	New Brunswick,	38 Albany St.
Everett Mallory Culver,	Jersey City,	79 George St.
John Golden Dorrance,	Freehold,	59 Bayard St.
John Edward Elmendorf,	New Brunswick,	39 Albany St.
Nickoll Floyd Elmendorf,	Po'keepsie, N.Y.,	104 Albany St.
Charle Everett,	Dayton,	Dayton.
William Edwards Ferguson,	New Brunswick,	Livingston Ave.
Frederick Fitch Folger, Jr.,	Hudson, N.Y.,	55 Albany St.
John Adam Frech,	Annandale,	67 Church St.
John Blair Gibbs,	New Brunswick,	Cor. Som'set & Div.
Richard Wright Herbert,	Marlboro,	55 Albany St.
Sei-Ichi Kudo,	Yedo, Japan,	45 Hertzog Hall.
George LeFever,	New Paltz, N.Y.,	24 Hertzog Hall.
William Burnham Marshall,	Metuchen,	Metuchen.
John Hull McLean,	Freehold,	59 Bayard St.
Otto Meyer,	New Brunswick,	Easton Ave.
William Jacob Miller,	Newark,	41 Schureman St.
Asher Murray,	Delhi, N.Y.,	31 Paterson St.
Harry Merrill Orne,	New Brunswick,	Railroad Ave.
James Henry Owens,	Yonkers, N.Y.,	46 Hertzog Hall.
Cortlandt Parker, Jr.,	Newark,	Newark.
Augustus Manning Price,	New Brunswick,	41 Schureman St.
Ernst Linwood Runyon,	New Brunswick,	96 George St.
John Lawson Senior,	Montgomery, N.Y.,	55 Albany St.
George Edward Stubbs,	New Brunswick,	62 Bayard St.

NAMES.	RESIDENCES.	ROOMS.
EGBERT TEARS,	Shawangunk, N.Y.,	24 Hertzog Hall.
HOWARD DAVIDSON TERHUNE,	New Brunswick,	149 George St.
JOHN VANDERPOEL,	Albany, N.Y.,	54 Schureman St.
JOHN LETSON VANDEVENTER,	New Brunswick,	84 Somerset St.
HENRY C. VAN DOLSEN,	River Edge,	79 George St.
JONAH VAUGHAN,	New Vineyard, Me.,	10 Hertzog Hall.
VANDERBILT SPADER VOORHEES,	New Brunswick,	75 New St.
PETER DUMONT WHITENACK,	Somerville,	73 Albany St.

FRESHMAN CLASS.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN BISHOP,	New Brunswick,	College Ave.
HARRY MONMOUTH HERBERT,	New Brunswick,	74 Carroll Place.
SEYMOUR MORTON LARY,	Jersey City Heights,	79 George St.
FRANK TOWNSEND LENT,	Po'keepsie, N.Y.,	78 Bayard St.
JOHN PERRINE MAYNARD,	Franklin Park,	Franklin Park.
OSCAR HARTWELL MAYNARD,	Caldwell,	30 George St.
JOSEPH HEPBERN PARSONS,	Talladega, Ala.,	55 Albany St.
CHARLES ARTHUR REED,	New Brunswick,	63 French St.
LOUIS SNYDER,	Elizabeth,	30 George St.
EUGENE SPENCER VECHTE,	Raritan Landing,	Raritan Landing.
CLARKSON CORNEL'S VERMEULE,	Raritan Landing,	Raritan Landing.

RECAPITULATION.

NEW JERSEY,	115
NEW YORK,	59
ALABAMA,	1
CONNECTICUT,	2
DELAWARE,	1
DISTRICT OF COLUMBIA,	1
ILLINOIS,	1
MAINE,	1
MISSISSIPPI,	1
ENGLAND,	1
JAPAN,	5
TOTAL,	188

SUMMARY.

Classical Department.

SENIORS.	25
JUNIORS,	39
SOPHOMORES,	24
FRESHMEN,	38

Scientific Department.

SENIORS,	14
JUNIORS,	11
SOPHOMORES,	26
FRESHMEN,	11
TOTAL,	188
IN COLLEGE,	168

CLASSICAL DEPARTMENT.

Faculty.

Rev. William H. Campbell, D.D., LL.D., President.
Professor Cook, Chemistry, and Natural History.
Professor Reiley, Latin.
Professor Murray, Mathematics, Natural Philosophy, and Astronomy.
Professor Doolittle, Rhetoric, Logic, and Mental Philosophy.
Professor Cooper, Greek.
Professor Atherton, History, Political Economy, and Constitutional Law.
Professor Meyer, French and German.
Professor Van Dyck, Analytical Chemistry.
Professor Hasbrouck, Mathematics and Graphics.
Professor Rockwood, Mathematics, and Natural Philosophy.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral Character.

Examinations for admission to the College will be held on the Saturday and Monday before Commencement, (June 19th and 21st,) beginning at 9 o'clock, A. M., in the President's room. All who can do so are desired to present themselves on Saturday. Applicants for admission may also be examined on Saturday and Monday, September 18th and 20th, at the same hour and place.

Candidates for advanced classes must sustain a satisfactory examination upon the subjects previously studied by the class which they propose to enter, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the Collegiate year.

Students who desire to pursue selected branches of study may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following, or a full equivalent, are the requirements for admission to the Freshman Class:

Latin.—Andrews and Stoddard's or Harkness' Grammar; Fischer's Manual of Latin Grammar and Composition—First Part; Cæsar's Gallic War; Two Books of Virgil's Æneid or Ovid's Metamorphoses; Cicero's Orations against Catiline, on the Manilian Law, for the poet Archias, and for King Deiotarus.

GREEK.—Hadley's Greek Grammar, including Prosody; Whiton's or Crosby's Greek Lessons; Xenophon's Anabasis—three books; Arnold's First Greek Book, entire; Homer's Iliad—one book.

ENGLISH AND MATHEMATICS—Arithmetic complete; Algebra, to Quadratic Equations; Plane Geometry—three books; Ancient and Modern Geography; English Grammar and Spelling; History of the United States.

2. Suggestions in regard to preparation.

LATIN.—In preparing in Latin the student should give much more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of the moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended to both teacher and student. This book has excellent references to the standard Grammars of Harkness and Andrews, and contains as much of Cæsar, Sallust and Cicero, as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Continental, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATIONS.—The examination is conducted in writing.

GREEK.—The examination will be: I. Upon the Grammar. Hadley's Grammar is used in the College, and is recommended in the preparation of students. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including accent and quantity.

II. Upon Arnold's First Greek book (latest edition). The whole of this book will be required. It is actually accomplished by the "College Class" in the Grammar School. (See account of this class in the notice of the School at the end of the catalogue.)

III. Upon Greek text and translation. In pronouncing prose the written accent must be followed. In Poetry, strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

English Grammar and Geography.—A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is also examined in spelling, reading and punctuation. Ancient Geography should be studied in connection with the Classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

History.—Candidates for admission are examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Scavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation, than to the particular book used.

3. Course of Instruction.

The Course of Instruction occupies four years, with three terms or sessions in each year.

The following is a scheme of the studies of the course. This scheme is not always strictly followed, either in the order of studies or the use of the particular text-books named; but it furnishes an exhibit of the amount of work required of students during the four years, and may indicate to candidates for advanced standing the equivalents which will be accepted from them:—

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Cicero de Amicitia; Fischer's Manual of Composition. 2. *Greek*—Plato's Apology and Crito; Wilkin's Greek Prose Composition; Hadley's Greek Grammar; Written translations from Greek into English. 3. *Mathematics*—Loomis' Algebra from Quadratic Equations. 4. *Natural History*—Dalton's Physiology; Lectures. 5. *Rhetoric*—Haven; Lectures.

SECOND TERM.

1. *Latin*—Livy; Fischer's Manual of Composition; Mythology (Eschenberg). 2. *Greek*—Felton's Greek Historians; Greek Prose Composition; Written Translations. 3. *Mathematics*—Loomis' Algebra completed; Loomis' Geometry, from Book IV. 4. *Natural History*—Zoology. 5. *English Literature*—Sprague's Masterpieces of English Literature; Craik's English of Shakespeare. 6. *Elocution*—Lectures.

THIRD TERM.

1. *Latin*—Cicero de Officiis; Fischer's Manual of Composition. 2. *Greek*—Felton's Greek Historians; Prose Composition; Written Translations; Ancient Chronology (Eschenberg). 3. *Mathematics*—Loomis' Geometry completed. 4. *Natural History*—Gray's Botany. 5. *English Literature*—Sprague's Masterpieces; Lectures.

Sophomore Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Tacitus; Latin Composition. 2. *Greek*—Sophocles' Antigone, (Woolsey); Prose Composition; Written Translations; Ancient Geography (Eschenberg). 3. *Mathematics*—Loomis' Conic sections. 4. *Modern History*—Freeman's Outlines, with Written Essays.

SECOND TERM.

1. *Latin*—Plautus; Horace; Latin Composition. 2. *Greek*—Demosthenes on the Crown; Written Translations; Greek Antiquities (Eschenberg). 3. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 4. *Modern History*—Freeman's Outlines, with Written Essays.

THIRD TERM.

1. *Latin*—Quintilian; Latin Composition. 2. *Greek*—Aristophanes' Birds; Written Translations; Greek Antiquities; Lectures on Greek Literature. 3. *Mathematics*—Land Surveying, with Field Practice. 4. *Constitutional History of England*—Creasy.

Junior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy, and Hamilton's Metaphysics. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mathematics*—Loomis' Analytical Geometry. 3. *Analytical Chemistry*—Laboratory Practice.

SECOND TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry and Mineralogy. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy, and Hamilton's Metaphysics; Lectures. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Plato's Phædo. 2. *Mathematics*—Loomis' Calculus. 3. *Analytical Chemistry*—Laboratory Practice.

THIRD TERM.

1. *Astronomy*—Lockyer. 2. *Chemistry*—Lectures on Technology. 3. *History of Civilization*—Guizot. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mechanics.*—Smith's Analytical Mechanics. 3. *Analytical Chemistry*—Laboratory Practice.

Senior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Chemistry*—Lectures on Organic Chemistry. 2. *Political Economy*—Bowen, and Perry; Lectures. 3. *Moral Philosophy*—Calderwood's Handbook; Lectures. 4. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Elementa Logices Aristoteleæ. 2. *Astronomy*—With use of Instruments. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

SECOND TERM.

1. *Chemistry*—Lectures on Chemical Physics. 2. *International Law*—Woolsey; Lectures. 3. *Constitution of the United States*—Andrews. 4. *Moral Philosophy*—Butler's Analogy. 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Geodesy*—Lectures. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

THIRD TERM

1. *Geology*—Lectures. 2. *Architecture*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Logic*—Thompson's Outlines; Lectures. 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Bergk's Anthology. 2. *Modern Languages*—German. 3. *Analytical Chemistry*—Laboratory Practice. 4. *Hebrew*—Extra.

4. Remarks on the Course of Study.

In the above schedule all the studies up to the close of the Sophomore year are obligatory, and are intended to be of such a character as will be equally desirable whatever subsequent profession or career is chosen. During the Junior and Senior years some subjects are required of all regular students, while several others are made elective, one at least of which must be pursued.

LANGUAGES.

Latin.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition are continually required of the student.

Greek.—The Classical Greek authors are read constantly during the Freshman and Sophomore years, but during a portion of the subsequent years the time is devoted to the study of select authors and to giving a familiarity with the language.

English Language and Literature.—These subjects are taught by a text-book, in connection with a course of lectures which are delivered to the Freshman Class.

French and German are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors.

Hebrew.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive Geometry, is optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chem-

istry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations. In the Junior and Senior years practice in the Chemical Laboratory is one of the elective studies.

RHETORIC AND METAPHYSICS.

Elocution.—During the Freshman year lectures are delivered on the general principles of Elocution, and a practical application of these principles is made by the appropriate exercises in Reading and Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

Rhetoric is begun in the first term of the Freshman year, in order that the students may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

Mental Philosophy.—Porter's Elements of Intellectual Philosophy and Hamilton's Metaphysics, are the guide books in this department. But neither is implicitly followed. As opportunity offers, lectures upon important topics are interspersed through the course.

Lectures.—A course of lectures on the chief representative thinkers in the different schools of Metaphysics is delivered to the Seniors during the last term of the course.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This course begins in the Sophomore year with Modern History. The study of these subjects is resumed again in the last term of the Junior year, and is continued through two terms of the Senior. The course consists of a study of text-books, with lectures and the writing of essays, and is designed especially to teach the principles of political science and the practical duties of citizenship.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

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Faculty.

Rev. William H. Campbell, D.D., LL.D., President.
Professor Cook, Chemistry, Natural History, and Agriculture.
Professor Doolittle, Rhetoric, and Mental Philosophy.
Professor Smock, Mining and Metallurgy.
Professor Atherton, History, Political Economy, and Constitutional Law: and Military Superintendent.
Professor Meyer, Modern Languages.
Professor Van Dyck, Analytical Chemistry.
Professor Bowser, Mathematics and Engineering.
Professor Hasbrouck, Mathematics and Draughting.
Professor Rockwood, Natural Philosophy.

1. Conditions of Admission.

Every applicant for admission must be sixteen years of age and must submit to the President proper testimonials of a good moral character. If an applicant for a State scholarship, he must also present to the President a certificate of appointment from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz: on the Saturday and Monday preceding Commencement, June 19th and 21st, beginning at 9 o'clock, A. M., in the President's room. Applicants for admission may also be examined on Saturday and Monday, September 18th and 20th, at the same hour and place.

Students may enter an advanced class either at the beginning of the College year or at other times, on condition that they sustain a satisfactory examination both on the preliminary studies and on those already passed over by the class which they propose to enter.

Provision is made for such students as wish to devote themselves to special subjects, if they are prepared to go on profitably with the regular classes.

The following are the subjects on which those desiring to enter the Freshman class of the Scientific Department are examined. As they are all such as can be acquired in our best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete. 2. Algebra, to Quadratic Equations. 3. Plane Geometry—three books. 4. English Grammar—including spelling. 5. Descriptive Geography. 6. Physical Geography. 7. History of the United States.

2. Courses of Study.

Three distinct courses of study are included in the Schedule which follows:

I. A Course in Civil Engineering and Mechanics.

II. A Course in Chemistry and Agriculture.

III. A Special Course in Chemistry.

During the first and second years the studies of the two full courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches in either.

During the last two years the subjects of Higher Mathematics, Mechanics and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory, and Agriculture, in the other. The remaining subjects are pursued by the students of both courses together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is especially designed to meet the wants of those who cannot take the entire four years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course, receive from the Faculty a certificate of their attainments.

Special Students are received, and allowed to take any part of the above course; and particular provision is made for them, especially in the Laboratory, in Mathematics, and Surveying.

The Special Course in Chemistry and Agriculture, occupying two years, is designed for those who wish to devote themselves exclusively to these branches. Opportunities of a very superior character are afforded to such students under the charge of Professors Cook, Smock, and Van Dyck, in the new Laboratory building.

Special provision is also made for students who desire, after completing the regular course of study, to take post-graduate studies.

In connection with the instruction in Agriculture in this Department, the Trustees maintain an extensive model farm, designed to illustrate the principles of agriculture, and also to test by experiment the value of different systems. It is under the charge of the Professor of Agriculture, and *every Wednesday* during term time will be devoted to giving upon the farm explanations of the experiments and their results, to the students in agriculture, as well as to any farmers who may desire to avail themselves of this privilege.

In accordance with the requirements of the Law, the students in this Department are drilled in Military Tactics by the Military Superintendent. Arms and accoutrements for this purpose are furnished by the Quarter-Master General of the State.

3. Organization.

This department of the College has been designated by the Legislature of New Jersey, in accordance with the law of Congress :

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

Under this law a certain number of students from the State of New Jersey are received into this department of the College and educated free of expense for tuition. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent of Schools in each county. They are distributed among the counties in proportion to their population as follows:

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		—
			40

COURSES OF STUDY.

Freshman Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *French.* 2. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 3. *Natural History*—Dalton's Physiology; Lectures. 4. *Rhetoric*—Haven; Lectures. 5. *Draughting*—Construction of Problems.

SECOND TERM.

1. *French.* 2. *Mathematics*—Loomis' Geometry, from Book IV. 3. *Natural History*—Zoology; Lectures. 4. *Elocution*—Lectures. 5. *English Literature*—Sprague's Masterpieces of English Literature; Craik's English of Shakespeare. 6. *Draughting.*

THIRD TERM.

1. *French.* 2. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 3. *Natural History*—Gray's Botany; Lectures. 4. *English Literature*—Sprague's Masterpieces; Lectures. 5. *Draughting.*

Sophomore Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Surveying*—Murray's Manual; Field Exercises and Mapping. 2. *Descriptive Geometry*—Church. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 5. *History*—Freeman's Outlines.

SECOND TERM.

1. *Descriptive Geometry*—Church; Construction of Problems. 2. *Chemistry*—Lectures. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 4. *History*—Freeman's Outlines.

THIRD TERM.

1. *Leveling and Railroad Curves*—Henck's Field Book; Field Practice, and Plotting. 2. *Shades, Shadows and Perspective*—Church; Construction of Problems. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Lectures. 5. *History*—Creasy's Constitutional History of England.

Junior Year.

Course in Civil Engineering and Mechanics.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *German.* 2. *Analytical Geometry.*—Peck. 3. *Natural Philosophy*—Snell's Olmsted. 4. *History of Civilization*—Guizot. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting.*

SECOND TERM.

1. *German.* 2. *Differential and Integral Calculus*—Peck. 3. *Natural Philosophy*—Snell's Olmsted. 4. *Political Economy*—Bowen, and Perry. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting.*

THIRD TERM.

1. *German.* 2. *Mechanics*—Bartlett, or Smith. 3. *Astronomy*—Loomis. 4. *International Law*—Woolsey. 5. *Draughting.*

Junior Year.

Course in Chemistry and Agriculture.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *German.* 2. *Mineralogy* and *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures at the Farm. 4. *Natural Philosophy*—Snell's Olmsted. 5. *History of Civilization*—Guizot. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures.

SECOND TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures. 4. *Natural Philosophy*—Snell's Olmsted. 5. *Political Economy*—Bowen, and Perry. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures.

THIRD TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Vegetable Physiology. 4. *International Law*—Woolsey.

Senior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Mechanics*—Bartlett, or Smith. 2. *Geodesy*—Theory and Practice of Triangulation. 3. *Chemistry*—Lectures on Organic Chemistry. 4. *Moral Philosophy*—Calderwood's Handbook.

SECOND TERM.

1. *Engineering*—Mahan. 2. *Geodesy*—Practical Astronomy; Indeterminate Analysis. 3. *Chemistry*—Lectures on Chemical Physics. 4. *Moral Philosophy*—Butler's Analogy.

THIRD TERM.

1. *Engineering*—Bridge-Building and Railway Practice. 2. *Architecture*—Lectures. 3. *Geology*—Lectures. 4. *Moral Philosophy*—Butler's Analogy.

Senior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath Morning.

FIRST TERM.

1. *Mining* and *Metallurgy*. 2. *Chemistry* and *Principles of Agriculture*—Lectures. 3. *Laboratory Practice*. 4. *Moral Philosophy*—Calderwood's Handbook.

SECOND TERM.

1. *Agriculture*—Its methods and Products. 2. *Chemistry*—Lectures on Chemical Physics. 3. *Laboratory Practice*. 4. *Moral Philosophy*—Butler's Analogy.

THIRD TERM.

1. *Agriculture*—Animal Physiology; Care and Management of Domestic Animals. 2. *Architecture*—Lectures. 3. *Geology*—Lectures. 4. *Moral Philosophy*—Butler's Analogy.

SPECIAL COURSE IN CHEMISTRY.

First Year.

FIRST TERM—1. *Elements of Chemistry*—Text-book and Lectures. 2. *Blowpipe Analysis.* 3. *Elements of Mineralogy.*

SECOND TERM—1. *Physics and Chemistry*—Text-book and Lectures. 2. *Chemical Analysis*—Qualitative.

THIRD TERM—1. *Chemical Analysis*—Qualitative and Quantitative. 2. *Vegetable Physiology.*

Second Year.

FIRST TERM—1. *Chemical Analysis*—Analysis of Minerals, Ores, &c. 2. *Mineralogy*—Determinative.

SECOND TERM—1. *Chemical Physics*—Heat, Electricity, Magnetism, Galvanism and Electro-magnetism—Text-book and Lectures. 2. *Analysis of Fertilizers and Chemical Products.*

THIRD TERM—1. *Lectures on Geology.* 2. *Chemical Analysis*—Special Investigations.

EXAMINATIONS.

The classes in both departments are examined at the close of each term. The examinations are partly oral and partly written, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms, the examinations of the classes of the Scientific School are held in the presence of the Board of Visitors, who then make their semi-annual visits to the institution.

At the end of the third term, each member of the Graduating Class of the Scientific School is required to present a thesis on some scientific subject, a copy of which is to be written out upon paper suitable for binding, and deposited in the College Library.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

GRADUATION.

To all members of the Graduating Class of the Classical Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Class, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commencement.

1. The privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.
SECOND HONOR—English Salutatory.
THIRD HONOR—Philosophical Oration.
FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *Rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided that he must have been a member of his class for two years, and have a general grade in scholarship among the best two thirds.

4. Eleven other speakers shall be chosen, of whom six shall be chosen by grade in scholarship, provided, that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and five shall be chosen by grade in composition and elocution during the Junior and Senior years, provided that in their general grade in scholarship they be among the best two-thirds.

REGULATIONS.

1. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8.40 o'clock.
2. The recitation hours extend from 9 o'clock A. M., to 1 o'clock P. M., during five days of the week.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon and evening, at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during term time without permission from the President.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one-third of the term.
9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one-half of the maximum grade in all his studies, he snall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.

13. When a student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent to the parent, and the student admonished by the President. When twenty-four are recorded against him, he shall be suspended or dismissed from the College.

14. Absences or tardinesses, for which excuse is not rendered by the student within one week, are entered as unexcused.

15. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures; provided, that, in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may, at their discretion, grant an extension of time for making up the omitted work.

The above privilege of making up omitted recitations does not extend to absences at the beginning of the term, previous to the student's entering upon his College duties.

COLLEGE EXPENSES.

FEES.

Tuition per annum, - - - - - - - - - - -	$75 00
Incidentals—Janitor, fuel, &c., per annum, - - -	8 00
Reading Room, per annum, - - - - - - - - -	2 00
Admission Fee, - - - - - - - - - - - - -	5 00
Graduation Fee, - - - - - - - - - - - - -	7 50

Damages are in all cases chargeable to the persons committing them.

Of the above expenses, the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees, one third, viz $25 is payable at the beginning of each term.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus. They are also expected to provide themselves, at their own expense, with certain necessary sets of apparatus. These sets are to be retained throughout the course, but at the end of the course if the owners do not wish to retain them, they will be purchased at a fair price. If proper care has been exercised, a small discount only from the original cost will be made.

BOARD.

Board, with furnished rooms, can be obtained in New Brunswick at the present time for $4 to $7 per week; board without rooms for $3.50 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz: at an expense of $34 per annum, payable one-half at the beginning of the first term and one-half at the beginning of the second term. The rooms are heated but not lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs, students are able to reduce somewhat their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This Fund, the gift of Rev. Elias Van Benschoten, in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlboro, N. J., left by his will to the Trustees of Rutgers College the sum of $500 to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-Mile-Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., 34 Vesey Street, N. Y.

8. Rooms for Students.

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

The Trustees have resolved to proceed at once with the work of providing a Dormitory to furnish rooms for students. As soon as the necessary funds are secured the building will be begun.

PRIZES AND HONORS.

All prizes and honors are open equally to members of the Classical and Scientific Departments, except in cases where prizes are specifically limited to one department by the donor. They are as follows:

1. Suydam Prize for Composition.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and hand it to the President for preservation in the Library, before he can receive the prize.

Subject for 1875: "Can Conscience be derived from Love of Approbation?"

Committee: Rev. E. Lord,
Rev. Mr. Van Vranken,
Wm. R. Janeway, Esq.

2. Suydam Prize in Natural Science.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL. D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of Studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject for the essay for 1875: "The Rhetoric of Quintilian."

Subject for the examination for 1875: "The 11th Book of Quintilian's Institutes."

Committee: Rev. Mr. Wyckoff,
Rev. A. Thompson,
Rev. Mr. Cooper.

4. Bradley Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the second term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M. D., of Newark, in the name of his son, Adj't Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number a committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1875: Rev. Edward Wilson,
Wm. Reiley, Jr., Esq.,
Schuyler Van Rensselaer, Esq.

6. Junior Prize for Composition.

This prize consists of $25 worth of books at wholesale prices, selected by the recipient, and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded, must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1875: "Should Suffrage be restricted, or extended?"

Committee: Rev. Abraham Thompson,
Rev. J. C. Wyckoff,
Haley Fisk, Jr., Esq.

7. Tunis Quick Prize in Spelling and English Grammar.

This prize, the gift of P. Vanderbilt Spader, Esq., of New Brunswick, is the income of $300, at 7 per centum, and is to be presented to that member of the Freshman Class, Classical or Scientific, who shall pass the best examination in Spelling and English Grammar.

The examination is to be conducted in writing by the Professor of English Literature, at as early a day as convenient in the second College term, and under such regulations as the Faculty may from time to time establish.

The prize may be withheld from any or all papers offered, either for want of merit or for failure of proper competition. In case the prize be not awarded in any year, it is to be offered one year later to the members of the same class, on the same conditions as at first.

All regulations as to time, manner and conditions of awarding the prize are subject to change by the Board of Trustees.

8. Peter Spader Prizes in Modern History.

These prizes, the gift of P. Vanderbilt Spader, Esq., are two in number, the income of $400 and $300, respectively, at 7 per centum, and are awarded to those members of the Sophomore Class, Classical or Scientific, who present the best essays on some subject in Modern History, selected by the Professor of History, with the approval of the Faculty.

The subject is to be announced at the close of the Freshman year, and the competing essays are to be handed in on or before the third Monday in the third term of the Sophomore year.

The Committee, annually appointed by the Faculty, may decline to award these prizes, or either of them, for want of merit in the essays or for failure of proper competition. In case the prizes be not awarded in any year, they are to be offered one year later to the members of the same class, on the same conditions as at first.

Successful essays are to be copied on paper selected by the Faculty, and deposited in the College Library, before the writer receives his prize.

All regulations as to time, manner and conditions of awarding the prizes are subject to change by the Board of Trustees.

Subject for 1875: "Gustavus Adolphus and the Thirty years' War."

Committee: Hon. A. V. Schenck,
Rev. Jos. M. Hubbard,
Hon. Chas. T. Cowenhoven.

9. Prize for Mineralogy.

A prize consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the Graduating class of 1875, in the Scientific Department, who shall be able to identify and name the largest number of them.

10. Mrs. Elizabeth Appleton Memorial Prize in Moral Philosophy.

This prize is open to competition for members of the Senior Class.

Committee for 1875: Rev. A. B. Van Zandt, D.D.,
Rev. Richard H. Steele, D.D.,
Rev. John Woodbridge, D.D.

11. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons, of whom one is chosen by each Society, and a third by the Faculty, and is based upon relative excellence as writers and speakers.

12. Reports of Scholarship.

At the close of each term reports of the scholarship maintained during the term in each subject are made up from the records, and transmitted to the parents or guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty, is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

LIBRARY AND MUSEUM.

1. Library.

The Library of the College is open for consultation at stated times during each term. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past four years, and no effort will be spared to make it what the Institution requires. Donations to this object either in money or books are earnestly solicited.

By the gift of a permanent fund of $1000 from the late James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities, and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms are provided in the new Geological Hall for the proper preservation and display of such specimens. By the kindness of numerous friends, suitable cases have been provided to receive the collections which the College already possesses, and they are now being arranged as rapidly as circumstances will allow.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. The arrangements for these departments in the building recently erected are of the most ample and convenient description.

WANTS OF THE COLLEGE.

One of the pressing wants of the College has been supplied by the erection of the new Kirkpatrick Memorial Chapel, which was dedicated on the 3d of December, 1873. But the growth of the Institution and the demand for greater facilities for education, are creating others which appeal imperatively to the friends of the College.

1. Professors' Salaries.

It is absolutely indispensable to the future prosperity of the Institution, that the Professors receive such an increase of salary that they can devote themselves wholly to the interests of the College, without the necessity of doing outside work in order to live.

Will not the thoughtful friends of the College take this matter into serious consideration?

2. Dormitories.

The high price of board and the difficulty of providing suitable accommodations for so large a body of students, render indispensable a building for students' rooms. The Trustees present this subject to the patrons of the College and earnestly solicit the means, not less than $35,000, to erect at once a building. It is believed that this would reduce the cost of education at Rutgers College fully one-third.

3. Library Fund.

A large present addition of books is essential to the progress of the Institution. A permanent fund is also wanted from the income of which to make yearly additions to the library and to bind up and keep in order what has been accumulated.

4. The General Funds.

The funds for some general purposes of the College require a large increase: *First*, to make suitable provision for the care of grounds and buildings: *Second*, to make each year fresh additions to the supply of working apparatus in every department, Maps, Charts, Models, Drawings, Casts, &c. A fund that could be used for these and similar specific objects would greatly increase the working efficiency of the Institution.

REGISTER.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, *Feb.* 22, 1874.

LIST OF CONTESTANTS AND PRIZE MEN.

COURTLAND C. VAN DEUSEN, Hudson, N.Y., *First Prize.*
PAUL F. SUTPHEN, New Brunswick, *Second Prize.*

JOHN LEFFERTS, JR., Flatbush, N.Y., WILLIAM H. PRICE, New Brunswick,
JOHN E. LYALL, Hudson, N.Y., BERGEN B. STAATS, Middlebush,
P. H. MILLIKEN, Bloomingb'h, N.Y., WILLIAM R. TAYLOR, Newark.

2. Junior Exhibition.

ORATORS FOR 1874.

Peithessophian Society. *Philoclean Society.*

CHARLES S. BLOOMFIELD, Uniontown, JAMES KEMLO, Brooklyn, N.Y.,
H. A. HENDRICKSON, Queens, N.Y., WILLIAM A. NEWELL, JR., Allent'n,
JOHN H. SALISBURY, Catskill, N.Y., WM. H. H. WAY, New Brunswick,
JOHN PRESTON SEARLE, Wyckoff, BENJ. V. D. WYCKOFF, Middlebush.

3. Graduating Exercises, *June* 17, 1874.

HONORS.

JOHN N. WYCKOFF, White House, *Latin Salutatory*—First Honor.
EPHRAIM CUTTER, Woodbridge, *English Salutatory*—Second Honor.
P. J. FULLER, New Baltimore, N.Y., *Philosophical Oration*—Third Honor.
HARRY L. JANEWAY, N. Brunswick, *Scientific Oration*—Fourth Honor.
JOHN N. WYCKOFF, White House, *Valedictory Oration*—Rhetoric Honor.

ORATIONS.

WM. B. BERRY, Montclair, N.J., THEO. D. MILLS, Port Jervis, N.Y.,
R. W. BROKAW, Somerset, Kansas, JOHN OPPIE, Griggstown,
J. V. DE MOTT, Middlebush, CHAS. A. RUNK, Elizabeth,
JOS. R. DURYEE, Newark, L. H. SCHENCK, Neshanic,
G. D. LYDECKER, Nyack T'npke, N.Y., J. W. SEARING, Saugerties, N.Y.,
DAVID M. TALMAGE, Amoy, China.

MASTER'S ORATION.

Rev. WILLIAM H. LAWRENCE, Old Bridge.

PRIZES AWARDED.

Brodhead Prize for Classics,	E. Cutter,	P. J. Fuller.
	A. H. Strong,	J. N. Wyckoff.
Suydam Prize for Natural Science,		W. B. Berry.
Suydam Prize for Composition,		H. N. Fuller.
Bradley Prize for Mathematics,		A. Van Etten, Jr.
Van Doren Prize for Missions,		Charles Davis.
Prize for Mineralogy,		W. B. Berry.
Junior Prize for Composition,		James Kemlo.
Myron W. Smith Prize for Oratory, (1st),		C. C. Van Deusen.
Myron W. Smith Prize for Oratory, (2d),		P. F. Sutphen.
Peter Spader Prize, (1st)		Wm. A. Van Zandt.
Peter Spader Prize, (2d)		P. F. Sutphen. C. B. Pierce.
Prize for Botany,		H. N. Johnson.
Tunis Quick Prize for Grammar,		H. Veghte.
Tunis Quick Prize for Spelling,		W. M. Stillman.

HONORARY DEGREES.

LL.D.

Hon. David A. Depue,
Associate Justice of the Supreme Court of New Jersey.

Hon. Ward Hunt,
Associate Justice of the Supreme Court of the United States.

D.D.

Rev. Benj. B. Leacock, New York City.
Rev. Samuel W. Mills, Port Jervis, N.Y.
Rev. Guido F. Verbeck, Yedo, Japan.
Rev. E. W. Appleton, Philadelphia, Pa., (June 18, 1873.)

Ph.D.

Henry M. Bauscher, New Paltz, N.Y.

A.M.

Prof. Martin L. Deyo, Albany, N.Y.
Rev. Aaron W. Benson.

C.E.

Winfield Scott Lasher.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James Le Fevre.
1855—Isaac L. Kip.
1856—George V. N. Baldwin. Silas D. Scudder.
1857—Jas. W. Schermerhorn. Benjamin C. Sears.
1858—Robert O. Currie, Jr.
1859—T. Sandford Doolittle.
1860—Dupuytren Vermilye.
1861—William P. Mesick.
1862—Francis A. Horton.
1863—William Smith.
1864—William H. Leupp, Jr.
1865—William De Hart.
1866—John G. Van Slyke.
1867—Peter L. Vanderveer.
1868—Vernon B. Carroll.
1869—William E. Griffis.
1870—R. Augustus Pearse.
1871—John W. Conklin.
1872—George H. Large.
1873—Fred. E. Allen.
1874—Howard N. Fuller.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.
1855—Milton A. Fowler.
1856—Josiah Jansen.
1857—D. Ten Broeck Reiley.
1858—John B. Drury.
1859—William Cornell.
1860—Dupuytren Vermilye.
1861———————
1862—Abram Q. Garretson.
1863—Joseph M. Dixon.
1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Vanderveer.
1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.
1871—Rodolph C. Oakley.
1872—Benjamin C. Miller, Jr.
1873—William W. Cook.
1874—William B. Berry.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.
1869—Martin Bahler.
1870—Alexander Johnson.
1871—Willard P. Voorhees.
1872—George H. Stevens. Edward W. Strong.
1873—John DeWitt Peltz.
1874—E. Cutter, P. J. Fuller, A. H. Strong, J. N. Wyckoff.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin C. Nevius.
1868—Edgar Benedict.
1869—Martin Bahler.
1870—Frederick A. Canfield.
1871—William N. Todd.
1872—William J. Leggett.
1873—Claudius Rockefeller.
1874—Amos Van Etten, Jr.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1866	Archibald Mercer.	Vernon Bond Carroll.
1867	John Talmage Van Cleef.	William Elliot Griffis.
1868	Willet Denike, Jr.	George R. Garretson.
1869	W. H. Lawrence.	C. F. Van Inwegen.
1870	Wm. J. Leggett.	Benjamin C. Miller, Jr.
1871	Frederick E. Allen.	Madison M. Ball.
1872	Joseph R. Duryée.	John N. Wyckoff.
1873	John H. Salisbury.	Fred. W. Anderson.
1874	C. C. Van Deusen.	P. F. Sutphen.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—William Elliot Griffis.
1869—R. A. Pearse.
1870—J. W. Conklin, Haley Fisk, Jr.
1871—Benjamin C. Miller, Jr.
1872—William W. Cook.
1873—Jos. R. Duryee.
1874—James Kemlo.

5. Alumni Association.

OFFICERS FOR THE YEAR 1874—75.

Alexander Brown, Esq., - - - - President.
Cortlandt Parker, Esq., - - - } Vice Presidents.
John C. Elmendorf, Esq., - - }
Rev. S. E. Appleton, - - - - }
Wm. R. Janeway, Esq., - - - }
Henry K. How, Esq., - - - - Secretary.
H. R. Baldwin, M.D., - - - Treasurer.
Rev. David Cole, D.D., - - - Biographer.
Rush Van Dyke, M.D., - - Chairman of Standing Committee.
Hon. G. B. Adrain, - - Vice Ch'n " "
Rev. E. W. Appleton, D.D., - - Orator Primarius.
Wm. H. Jansen, Esq., - - - - Orator Secundus.

6. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1874—75.

Prof. D. T. Reiley, President. Prof. J. C. Smock, Rec. Sec'y.
Dr. A. B. Van Zandt, Vice Pres't .Prof. F. C. Van Dyck, Treasurer.
James Neilson, Esq., Cor. Sec'y. Prof. I. E. Hasbrouck, Registrar.
Prof. C. G. Rockwood, Judge of Compositions.

MEMBERS ELECTED FROM THE CLASS OF 1874.

Ephraim Cutter.	Geo. D. W. Lydecker.
Chas. Davis.	Theo. D. Mills.
Perry J. Fuller.	John N. Wyckoff.
Harry L. Janeway.	Wm. B. Berry.
Louis H. Schenck.	David M. Talmage.

THE VEDDER LECTURES.

This Lectureship was founded by Mr. Nicholas F. Vedder of Utica, by a gift of $10,000, on the following among other conditions:—that the General Synod should "every year elect some member of the Reformed Church in America to deliver to the students of the Seminary and of Rutgers College at least five lectures on the present aspects of Modern Infidelity, including its cause and cure."

The first course was delivered last year by the Rev. Isaac S. Hartley, D.D., of Utica. The lecturer for the present year is Prof. Tayler Lewis, L.L.D., of Schenectady, N.Y.

GRAMMAR SCHOOL.

REV. ABRAHAM THOMPSON, A.M., RECTOR.
PROF. DEWITT T. REILEY, A.M., ASSOCIATE RECTOR.

This School prepares boys for the Classical and Scientific departments of the College, for business, or affords a High School course.

It is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is within one block of the Railroad Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain in the building until the train starts. The *Building* is large and commodious, well ventilated, with an abundance of room for recitation, drill, gymnastics, cabinets, etc., affording accommodation for two hundred students.

The following is a brief Schedule of the Classes and studies:

PREPARATORY DEPARTMENT.

Reading; Spelling; Arithmetic, through Division; Grammar, Elementary; Geography, with map drawing; Botany; Writing; Drawing; Singing; Object Lessons; Composition; Declamation; Gymnastics.

Instruction in Natural Science, through Lectures by Rev. S. Lockwood, Ph.D. Boys finish this department when about twelve years of age.

GRAMMAR SCHOOL DEPARTMENT.

V. CLASS.—Arithmetic, to addition of Fractions; Reading; Writing; Geography, Intermediate begun; Spelling; Grammar, Elementary; History of the United States; Vocal Music; Natural Science, by oral instruction.

IV. CLASS.—Arithmetic, through Fractions and review; Reading; Writing; Geography, Intermediate finished; Spelling; Grammar, Elementary finished; Latin begun; History of the United States; Vocal Music; Natural Science, by oral instruction.

COLLEGE CLASSES.

III. CLASS.—Arithmetic, through Interest; Latin Grammar and Reader begun; Composition, Fischer's Manual, First Book; German begun; Geography, Common School; History of the United States; Grammar; Natural History and Familiar Science by Lectures; Mental Arithmetic; Reading; Writing; Spelling.

II. Class.—Arithmetic finished; Latin Reader finished, equivalent to six books of Cæsar; Cicero begun; Fischer's Manual, Second Book; Greek Grammar and Lessons, and two books of the Anabasis; Grammar; History of England; Natural History and Technology by Lectures; German; Reading; Writing; Spelling.

I. Class.—Latin: Cicero finished, Sallust's Catiline, Virgil, Fischer's Manual; Greek: Anabasis, three books finished, Iliad, three books; Algebra; Geometry; Review of Elementary Studies; Geology and Agricultural Zoology by Lectures.

BUSINESS CLASSES.

B. Class.—Arithmetic, through Interest; Mental Arithmetic; Book-keeping; History of the United States; Grammar; Geography, Common School; Natural History and Familiar Science by Lectures; German; Reading, Writing, Spelling.

A. Class.—Arithmetic finished; Algebra; Book-keeping; Commercial Law; History of England; Constitution of the United States; German; French; Natural Philosophy; Physiology; Natural History and Technology by Lectures; Grammar; Reading; Writing; Spelling.

HIGH SCHOOL CLASS.

H. Class—Geometry; Algebra; English Literature and Rhetoric; Political Economy; Physical Geography; General History; Chemistry; Botany; Geology and Agricultural Zoology by Lectures; German; French.

Composition, Elocution, Gymnastics and Military Drill in all the classes throughout the year. The studies in all the classes are compulsory, unless the student is excused by personal application of parents or guardians. The pupil usually remains in each class one year.

Scholars are received into the School at any time, and assigned to the class which they are qualified to enter. After leaving the Fourth Class, the scholar chooses the Business or Classical Course. In each there are three classes. At the end of the course the pupil is prepared to enter the Classical or Scientific department of the College.

Classical Course.—Latin is begun in the Fourth Class, and studied during the four years. Greek is studied during two years. *Young men*, however, who are able and diligent, can, by great effort, prepare for College in less time, and special provision and extra teachers are provided for such. No young man, however, should make the attempt unless absolutely compelled to do so. Moreover, attention to English studies, including the English Language, and lectures upon Technology and Natural History give variety to the education of the classical student.

THE BUSINESS COURSE.—This comprises two years in the A and B Classes. The instruction is intended to furnish the best practical knowledge of business that is possible in the time allowed. Book-keeping is taught throughout the course, continual practice being required in this, and the business forms. Commercial Law is given in the form of lectures, Commercial Arithmetic is taught with special regard to accuracy and rapidity. Algebra, History, Physiology, Constitution of the United States, Natural History, Natural Philosophy, and the German and French Languages, are parts of the course. A course of lectures on Technology familiarizes the student with the progress of the useful arts and inventions, and the meaning and use of scientific terms.

HIGH-SCHOOL COURSE.—The instruction will be in studies more general than in the Business Course. Geometry, Chemistry, Botany, Political Economy, German and French, English Language and Literature, and General History will be studied during this year. The students of this class will share in all the general exercises of the school, and will be fitted at the end of the year to enter the Scientific School.

PHYSICAL TRAINING.—This consists in Military Drill, Calisthenics and Gymnastics, which are practiced every day, under an experienced teacher.

GENERAL.—The best maps, charts, and diagrams are used in the school. A cabinet of Geology and Natural History has been secured, and will be largely increased. The Rutgers College Cabinets of Natural History are also open to the students, and visits to them are made occasionally by each class, under the direction of a teacher of Natural History. A library of books of reference is being collected, and may be used by all. The school will accommodate two hundred students, whose condition, progress in study, etc., is made known to their parents by weekly or monthly reports.

PREPARATORY DEPARTMENT.—A Preparatory Department for boys from six to twelve years of age, is under the charge of a lady teacher. This department is entirely separate from the Grammar School. It is provided with models, maps and charts, and has the use of the Cabinet of Natural History for object teaching. It has the benefit of the Gymnasium and Apparatus belonging to the Grammar School, and the other teachers are employed in it as far as necessary.

The object of this department is to give boys a systematic course of instruction from the beginning, and to prepare them to enter the regular classes of the Grammar School at the proper time.

NATURAL SCIENCE.—In answer to many inquiries in regard to this course, we would say that it has been adapted to the best of our ability to the requirements of the times and the necessities of the pupil. It is

begun in the Preparatory department by teaching the facts and observations of natural phenomena. This is continued in the Grammar School in the study of familiar science, Zoology and Natural History, the most interesting things in the Vegetable and Mineral world, and the structure of the earth. To this is added the useful arts. This part of the course is entirely in the form of Lectures, illustrated by specimens. In the higher classes, brief text-books are used in some of the departments of Natural Science. Every attempt is made to encourage the taking of notes in the lowest classes.

The department is under the charge of the Rev. S. Lockwood, Ph.D., well known in this country as a Naturalist, and on both sides of the ocean as an original observer.

Attendance.

The hours of Attendance are from 8.30 A. M. to 1.30 P. M. For absence, tardiness, or failure in recitations, *written* excuses are expected from parents or guardians.

Calendar.

First Quarter begins - - - - - - -	September 8th.
Second " " - - - - - - - -	November 13th.
Third " " - - - - - - -	January 29th.
Fourth " " - - - - - - - -	April 9th.

Recess during Christmas week.

Terms for Day Pupils.

Preparatory Department, - - -	$ 9	per quarter of ten weeks.
4th, 5th, and B Classes, - - -	13	" " " " "
A Class, - - - - - - -	14	" " " " "
H Class, - - - - - - -	15	" " " " "
3d College, - - - - - - -	16	" " " " "
1st and 2d College, - - - - -	18	" " " " "

The tuition is to be paid at the beginning of each quarter. No deduction for absence, unless occasioned by protracted sickness, extending over half a quarter, when the loss will be shared equally between the parents and the School. Pupils will be charged from the time of entrance.

Boarding Pupils.

Connected with the School is a large and pleasantly situated dwelling, with eight acres of ground attached, under the immediate charge of the Rector.

TERMS.—Board, Tuition, Fuel and Light, $100 per quarter of ten weeks. No extras, except for washing, pewrent, attendance of a physician, and studies not in the regular course.

Each pupil must bring napkins, towels, bag for soiled clothes, napkin-ring, fork and spoon (plated), umbrella, overshoes. *All articles must be marked with the full name.* Payments made on the same conditions as by day scholars.

Damage to property will be repaired at the expense of the person committing it.

NECROLOGY.

THOMAS De WITT.

The Rev. Dr. Thomas De Witt was born at Kingston, Ulster Co., N. Y., on the 13th of September, 1791, and died at New York on the 18th of May, 1874. After graduating at Union College, Schenectady, N. Y., in July, 1808, he begun the study of Theology at Schraalenburg, under the direction of the Rev. Dr. Freighly, who was then the Professor of Theology appointed by the General Synod of the Dutch Reformed Church. But when, in October, 1810, the Theological Seminary was formally opened at New Brunswick, under the charge of Dr. John Henry Livingston, young De Witt entered the first class, consisting of five members, of whom he was the last survivor. During one year of his Theological course, he was a Tutor in Rutgers College. He was graduated from the Seminary in 1812, and licensed by the classis of New Brunswick in June of the same year. In the November following, he was ordained, and installed as minister of the united congregations of Hopewell and New Hackensack, Dutchess Co., N. Y. There he pursued a faithful and useful ministry, tenderly beloved by the people of his charge, until 1827, when he accepted a call twice tendered to him by the Collegiate Reformed Dutch Church, of New York City, to become one of its pastors. He was installed in that position in September, and there remained until his death, a period of forty-seven years. His life was one of distinguished activity and usefulness. For a little more than thirty-four years (from April 7, 1840) he was an honored Trustee of Rutgers College, and at the time of his death he was, with a single exception, the senior member of the Board. He was also for several years a Trustee of Columbia College, and a member of the Council of the University of the City of New York. In 1818, after the death of the Rev. Dr. John Schureman, he was offered the Professorship of Oriental Literature and Ecclesiastical History in the Theological Seminary. This he declined, but he rendered long and faithful service to the Seminary as a member of the Board of Superintendents. In 1828, he received the degree of D.D. from Rutgers College. Among the executive agencies of the Reformed Church, of which he was either a founder or an active supporter, were the Boards of Education, of Publication, and of Foreign missions. Of the last named Board, Dr. DeWitt was for many years the Corresponding Secretary, and at the time of his death its President. He was also President of the New York Historical Society. No man enjoyed more fully than he the respect of those who knew him, and few have left a wider circle of friends and interests to mourn their loss.

BENJAMIN FRANKLIN ROMAINE.

The Rev. Mr. Romaine was the son of Benjamin Romaine and Sally Frear. His boyhood was passed in Poughkeepsie, N.Y., and he was prepared for College in the Dutchess Academy, then under the charge of Mr. Jefferson Cooley as Principal. He united with the First Reformed Church of Poughkeepsie, on the 2d of April, 1836, and in due time entering Rutgers College, graduated with the class of 1842. While in college, he evinced decided taste for the pursuit of literature. During his senior year, he edited a college periodical known as "Rutgers Literary Miscellany." After graduation, he located in Albany, N.Y., and from 1842 to 1857 devoted himself to the editorship of the "American Spectator," conducting the paper with ability and success. In 1850 he sought and obtained license to preach the Gospel. In 1857 he abandoned the "Spectator" for the pastorate. He was settled in the ministry, first at Canajoharie, N.Y., from 1857 to 1862, and then at Bound Brook, N. J., from 1862 to 1868. In the latter year, he accepted the Secretaryship of the Ohio Colonization Society, and removed to the city of Columbus in that state at the call of duty. Here he died on the 16th day of January, 1874, in the 54th year of his age, having resigned his Secretaryship a short time before his death on account of failing health. His wife, Margaret, daughter of Henry T. Mesick, Esq., a merchant of Albany, preceded him a few years in her departure from this life, and three children are left to mourn the loss of their parents. The last few years of Rev. Mr. Romaine's life were years of severe trial in very many forms, and as we are assured that he was well prepared for the event of death, we are happy in the faith that its coming only brought him glad release and peaceful rest.

ELIAS DUSENBERRY.

Mr. Dusenberry was born in New York City, February 14th, 1826. He was the son of Mr. Charles Dusenberry, a revered elder in the Reformed Church, prominent in its councils for many years, and among its most faithful friends and liberal benefactors. Elias was prepared for College at the Irving Institute, Tarrytown, N.Y., and in 1841 entered the Freshman Class of this College. He graduated with honor in the Class of 1845, and at once entered the office of Charles W. Sandford, Esq., of New York City, as a student of law. He was admitted to the bar in 1848, and continued to the end of his life in the practice of his profession. At the time of his death, he had recently been elected Supervisor of the town of Eastchester, Westchester Co., N.Y. The Board had but just convened, when at one of its early sessions, announcement was made of Mr. Dusenberry's death. He died at his

residence at Mount Vernon, N. Y., on the 29th of December, 1873, in the 47th year of his age. He was taken at a time when his sphere of usefulness seemed widening before him, and when a young and interesting family seemed imperatively to need his sympathies and care. The way of God "is in the sea."

JAMES VAN DERVEER VAN NESTE.

This young physician was a graduate of the Class of 1862. He studied medicine at the College of Physicians and Surgeons in the City of New York. His death is recently announced. It occured October 31st, 1874, at Jacksonville, Florida, whither he had gone in quest of health.

Triennial Catalogue.

Graduates of the College and others, who may find errors or deficiencies in the last Triennial Catalogue, are urgently requested to send the proper corrections to the President of the College in order that they may be incorporated in the next edition.

Old Catalogues.

The College Library is in want of early issues of the Annual Catalogue with which to make up a few sets for binding. Friends who may have copies which they are willing to spare for such a purpose, will confer a particular favor by sending them to the Librarian.

Necrology.

Any facts respecting deceased graduates or students of the College, which will help to make the annual obituary notices more complete will be thankfully received at any time, and may be sent to the President or Librarian.

Form of Bequest.

A form of bequest is appended, in the hope that the friends of education will remember the College, and aid the earnest efforts of its friends, to make it as widely and as largely useful as possible. As long as it continues to prosper and enlarge, an increase of funds will be needed.

Bequest.

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ... Dollars, for the maintenance and support of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ... Dollars, to endow a Professorship of.....in said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, to increase the Library of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, to increase the Philosophical Apparatus of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College in New Jersey, ...Dollars, for the endowment of the Grammar School of said College.

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FEB 28

CATALOGUE

OF

RUTGERS COLLEGE,

NEW-BRUNSWICK, N. J.,

1875-'76.

CALENDAR.

1875-76.

1875.	June 23,	Wednesday: Commencement. Vacation.
"	September 20,	Monday: First Session begins.
"	September 18, 20,	Saturday and Monday: Examinations for admission.
"	December 22,	Wednesday: First Session ends. Vacation.
1876.	January 6,	Thursday: Second Session begins.
"	January 27,	Day of Prayer for Colleges.
"	February 22,	Tuesday: Sophomore Exhibition.
"	April 5,	Wednesday: Second Session ends. Vacation.
"	April 13,	Thursday: Third Session begins.
"	May 22, 23,	Monday and Tuesday: Senior Examinations.
"	June 17, 19,	Saturday and Monday: Examinations for admission.
"	June 18,	Sunday: Baccalaureate Sermon by the President.
"	June 20,	Tuesday: Meeting of Alumni: Exercises of the Literary Societies: Junior Exhibition in the Evening.
"	June 21,	Wednesday: Commencement: Vacation.
"	September 20,	Wednesday: First Session begins.
"	September 19, 20,	Tuesday and Wednesday: Examinations for admission.
"	December 20,	Wednesday: First Session ends. Vacation.
1877.	January 4,	Thursday: Second Session begins.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW-BRUNSWICK, N. J.,

1875-'76.

Founded A. D. 1770.

NEW-BRUNSWICK, N. J.:
FREDONIAN STEAM BOOK AND JOB PRINTING HOUSE, 33 DENNIS-STREET.
1875.

TRUSTEES.

EX-OFFICIO:

His Excellency, JOSEPH D. BEDLE, Jersey City,
Governor of the State of New-Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton,
Chief Justice of the State of New-Jersey.

Hon. JACOB VANATTA, Morristown,
Attorney-General of the State of New-Jersey.

BY ELECTION:

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. WM. H. CAMPBELL, D. D., LL.D., *President of the College.*	New-Brunswick,	Sept. 16, 1862
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N.Y.,	July 17, 1837
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New-York City,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
MAURICE E. VIELE, Esq.,	Albany, N.Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Poughkeepsie, N.Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N.Y.,	July 27, 1853
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New-Brunswick,	April 13, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Washington, D. C.,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N.Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,	New-Brunswick,	Oct. 16, 1860

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N.Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New-Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N.Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New-Brunswick,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
JAMES A. WILLIAMSON, Esq.,	Jersey City,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,	Poughkeepsie, N.Y.,	April 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New-York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Poughkeepsie, N.Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N.Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New-York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N.Y.,	April 13, 1871
SAMUEL SLOAN, Esq.,	New-York City,	June 20, 1871
GEORGE C. LUDLOW, Esq.,	New-Brunswick,	June 17, 1873
Hon. WILLIAM A. NEWELL,	Allentown,	June 17, 1873
Rev. ISAAC S. HARTLEY, D.D.,	Utica, N.Y.,	June 17, 1873
CORTLANDT PARKER, Esq.,	Newark,	March 31, 1874
Hon. THEODORE F. RANDOLPH,	Morristown,	March 31, 1874
S. OAKLEY VANDERPOEL, M.D.,	Stapleton, S. I.,	June 22, 1875
THEODERIC WESTBROOK, LL.D.,	Kingston, N.Y.,	Oct. 26, 1875

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board*,

New-Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer*,

Office—39 Albany-Street, New-Brunswick.

Rev. JAMES LeFEVRE, A. M., *Financial Agent*,

Middlebush.

PETER THOMAS, *Janitor*.

FACULTY.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,

(PRESIDENT,)

THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,

(VICE-PRESIDENT,)

Professor of Chemistry, Natural History, and Agriculture.

REV. DEWITT TEN BROECK REILEY, A. M.,

Professor of the Latin Language and Literature.

DAVID MURRAY, PH.D., LL.D.,†

Professor of Mathematics, Natural Philosophy, and Astronomy.

REV. THEODORE SANDFORD DOOLITTLE, D.D.,

COLLEGIATE CHURCH *Professor of Rhetoric, Logic, and Mental Philosophy.*

REV. JACOB COOPER, D.D., D.C.L.,

Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A.M.,

Professor of Mining and Metallurgy.

† Absent by permission.

GEORGE W. ATHERTON, A.M.,

VOORHEES *Professor of History, Political Economy, and Constitutional Law;—and Military Superintendent.*

REV. CARL MEYER, D.D.,

Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A.M.,

Professor of Analytical Chemistry.

EDWARD A. BOWSER, M.S., C.E.,

Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A.M.,

Adjunct Professor of Mathematics and Graphics.

CHARLES G. ROCKWOOD, A.M., PH.D.,

Professor of Mathematics and Astronomy, and Instructor in Natural Philosophy.

GEORGE W. ATHERTON, A.M.,

Librarian.

ISAAC EDGAR HASBROUCK, A.M.,

Assistant Librarian.

The names of Professors are arranged according to seniority of appointment, with the exception of the President's.

CATALOGUE OF STUDENTS

During the Year Ending January 1, 1876.

SENIOR CLASS.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN BANCKER AYCRIGG,	Passaic,	20 Albany-St.
EUGENE SAMUEL BOOTH,	Bridgeport, Conn.,	Hamilton-St.
CHARLES BRADLEY,	Washington, D. C.,	96 George-St.
EDWIN EVERETT COLBURN,	New-Baltimore, N. Y.,	Left College.
HENRY MILLER COX,	New-Brunswick,	14 French-St.
CORNELIUS PETERSON DITMARS,	Middlebush,	Middlebush.
EDWARD HENRY DURYEE,	Newark.	Newark.
WILLIAM BUDD GILLMORE,	N. Y. City,	Cor. Paterson & Kirkpatrick.
HENRY NILES JOHNSON,	Cocymans, N. Y.,	85 Albany-St.
HAYDN CLARK KELLY,	New-Brunswick,	7 Morris-St.
CHARLES A. LIMEBURNER,	Modena, N. Y.,	90 Bayard-St.
JOHN EDWARD LYALL,	Hudson, N. Y.,	14 Hertzog Hall.
PETER HOUSTON MILLIKEN,	Bloomingburgh, N. Y.,	12 Hertzog Hall.
ALBERT DOD MINER,	Port Jackson, N. Y.,	10 Hertzog Hall.
DAVID MURRAY,	Delhi, N. Y.,	80 Paterson-St.
WILLIAM HOSEA NASHOLDS,	Knox, N. Y.,	29 Hertzog Hall.
GEORGE LUTHER NEVIUS,	New-Brunswick,	College-Avenue.
WILLIAM HORTON PRICE,	New-Brunswick,	181 Burnet-St.
JOHN DUFFIELD PRINCE, JR.,	Flatbush, L. I.,	90 Bayard-St.
JAMES AUGUSTUS ROMEYN,	Hackensack,	79 George-St.
WILLIAM WYCKOFF SCHOMP,	Lesser Cross Roads,	114 New-St.
BERGEN BROKAW STAATS,	Middlebush,	Middlebush.
PAUL FREDERICK SUTPHEN,	New-Brunswick,	Neilson-Avenue.

NAMES.	RESIDENCES.	ROOMS.
WILLIAM RIVERS TAYLOR,	Newark,	Newark.
FOSTER McGOWAN VOORHEES,	Clinton,	114 New-St.
JOHN SCHENCK VOORHEES, Jr.,	New-Brunswick,	Elm Ridge.
COURTLAND CALVIN VAN DEUSEN,	Hudson, N. Y.,	Left College.
WILLIAM ARMITAGE VAN ZANDT,†	Albany, N. Y.,	Left College.
LARUE VREDENBERGH, Jr.,	Somerville,	Left College.
THEODORE HAVELOCK WALSER,	New-Brighton, N. Y.,	48 Hertzog Hall.
HARRY WESTBROOK WINFIELD,	Greenville,	96 George-St.

SENIOR CLASS.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
SPENCER H. C. DEVAN,	New-Brunswick,	Left College.
GEORGE WILLIAM KUEHNLE.	Egg Harbor City,	49 Schureman-St.
CARLTON B. PIERCE,	New-Brunswick,	15 Kirkpatrick-St.
EDWIN F. ROSS,	New-Brunswick,	50 New-St.
ISAAC DENMAN VANDERPOEL,	New-York City,	Left College.

† Partial.

JUNIOR CLASS.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
H. MACKNESS T. BEEKMAN,	North Branch,	56 Paterson-St.
ABRAHAM S. BRINKERHOFF,	Wood Ridge,	84 Bayard-St.
ROBERT FINDLEY FISCHER,	New-Brunswick,	Livingston-Ave.
EARL ANSEL HOLDRIDGE,	Poughkeepsie, N. Y.,	46 Hertzog Hall.
JOHN HAINES KNOX,	Elizabeth,	69 Albany-St.
JAMES PIERPONT LANGDON, JR.,	New-Brunswick,	4 College-Avenue.
ABRAM VAN CLEEF NEVIUS,	Millstone,	Left College.
CORNELIUS H. POLHEMUS,	Middlebush,	Middlebush.
HENRY PARSELL SCHNEEWEISS,	New-Brunswick,	Left College.
HARRY SCHOONMAKER,	Kingston, N. Y.,	Left College.
WILLIAM LEGGETT SKINKLE,	Newark,	69 Albany-St.
GARRET ZABRISKIE SNIDER,	Monsey, N. Y.,	56 Paterson-St.
HERMAN WENDELL VANDERPOEL,	Albany, N. Y.,	20 Albany-St.
JOHN QUICK VAN DERVEER,	North Branch,	37 Hertzog Hall.
WM. HERMAN VAN STEENBERGH,	Rhinebeck, N. Y.,	85 Albany-St.
STEPHEN CONDICT VAN WINKLE,	Passaic,	41 Schureman-St.
HENRY VEGHTE,	Harlingen,	62 Church-St.
ROBERT STOCKTON WARK,	New-Brunswick,	30 George-St.
SAMUEL M. WOODBRIDGE, JR.,	New-Brunswick,	Brookside.
WILLIAM FORMAN WYCKOFF,	Wood Haven, L. I.,	78 Bayard-St.

JUNIOR CLASS.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
WILLIAM GARDNER BARNES,†	Fonda, N. Y.,	Left College.
WILLIAM SMITH KETCHAM,†	Newark,	Left College.
JOHN FRANCIS LADLEY,	New-Brunswick,	118 Albany-St.
LEANOR FRESNAL LOREE,	Rahway,	Rahway.
WILLIAM JAMES NELSON,	Piscataway,	Piscataway.
TIMOTHY FOSTER NOSTRAND,	New-Utrecht, N. Y.,	Left College.
JOHN LOTT NOSTRAND,	New-Utrecht, N. Y.,	Left College.
EDWARD INGELOW PITMAN,	Rugeley, Eng.,	College-Ave.
CHARLES TAYLOR POMEROY,	Newark,	Newark.
ELLIS FRANK POTTER,	Rahway,	54 Schureman-St.
EDWARD ANDERSON REILEY,	Lambertville,	Prof. Reiley's.
WILLIAM MAXSON STILLMAN,	Plainfield,	54 Schureman-St.
KANECHERO TAKU,	Saga, Japan,	55 Albany-St.
GEORGE McCLELLAN TAYLOR,	Holmdel,	129 George-St.
JOSIAH TICE,	Williamstown,	Left College.
ALFRED ALEXANDER TITSWORTH,	Dunellen,	54 Schureman-St.
CLINTON DEWITT VAN DYCK,†	Coxsackie, N. Y.,	57 Albany-St.
ISAAC VAN WINKLE,	Passaic,	41 Schureman-St.
LARUE VREDENBURGH,	Springfield, Ill.,	54 Schureman-St.
WILLIAM RUSSELL WHITEHEAD,	Trenton,	Trenton.

† Partial.

SOPHOMORE CLASS.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN HENRY BANTA,†	Paterson,	79 George-St.
JOHN BLOOMFIELD BEEKMAN,	North Branch,	Left College.
LOUIS BEVIER, Jr.,	Marbletown, N. Y.,	114 New-St.
HENRY JAMES BOGARDUS,	Yonkers, N.Y.,	51 Hertzog Hall.
FREDERICK JOSEPH COLLIER,	Hudson, N.Y.,	74 Paterson-St.
GARRET STORY CONOVER,	New-Brunswick,	Left College.
EVERETT MALLORY CULVER,	Jersey City,	156 George-St.
JOHN GOLDEN DORRANCE,	Freehold,	35 Schureman-St.
JOHN EDWARD ELMENDORF,	New-Brunswick,	39 Albany-St.
NICOLL FLOYD ELMENDORF,	Poughkeepsie, N.Y.,	78 Paterson-St.
CHARLES EVERETT,	Dayton,	Dayton.
FREDERICK FITCH FOLGER, Jr.,	Hudson, N.Y.,	74 Paterson-St.
JOHN ADAM FRECH,	Annandale,	George-St.
JOHN BLAIR GIBBS,	New-Brunswick,	Cor. Somerset & Div.
SEI-ICHI KUDO,	Tokei, Japan,	31 Hertzog Hall.
GEORGE LEFEVRE,	New-Paltz, N.Y.,	18 Hertzog Hall.
WILLIAM BURNHAM MARSHALL,	Metuchen,	Metuchen.
JOHN HULL McLEAN,	Freehold,	20 Albany-St.
OTTO MEYER,	New-Brunswick,	Easton-Ave.
WILLIAM JACOB MULLER,	Newark,	Left College.
ASHER MURRAY,	Delhi, N.Y.,	80 Paterson-St.
HARRY MERRILL ORNE,	New-Brunswick,	Railroad-Ave.
JAMES HENRY OWENS,	Yonkers, N.Y.,	51 Hertzog Hall.
CORTLANDT PARKER, Jr.,	Newark,	Newark.
AUGUSTUS MANNING PRICE,	New-Brunswick,	41 Schureman-St.
ERNST LINWOOD RUNYON,†	New-Brunswick,	Hamilton-Ave.
DAVID H. SCHOCK,	New-Brunswick,	Remsen-Ave.
JOHN LAWSING SENIOR,	Montgomery, N.Y.,	96 George-St.
GEORGE EDWARD STUBBS,	New-Brunswick,	62 Bayard-St.

† Partial.

NAMES.	RESIDENCES.	ROOMS.
EGBERT TEARS,	Shawangunk, N.Y.,	24 Hertzog Hall.
HOWARD DAVIDSON TERHUNE,	New-Brunswick,	149 George-St.
JOHN VANDERPOEL,	Albany, N.Y.,	20 Albany-St.
JOHN LETSON VANDEVENTER,	New-Brunswick,	84 Somerset-St.
HENRY C. VAN DOLSEN,†	River Edge,	58 Albany-St.
JACOB WINFRED VAN KEUREN,	Dashville Falls, N.Y.,	56 Church-St.
JONAH VAUGHAN,	New Vineyard, Me.,	52 Hertzog Hall.
VANDERBILT SPADER VOORHEES,	New-Brunswick,	Left College.
PETER DUMONT WHITENACK,	Somerville,	Left College.

SOPHOMORE CLASS.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN BISHOP,	New-Brunswick,	College-Ave.
EDWARD DURYEE,	Rahway,	Rahway.
HARRY MONMOUTH HERBERT,	New-Brunswick,	74 Carroll Place.
SEYMOUR MORTON LARY,	Jersey City Heights,	Left College.
WALTER LIVINGSTON LAWRENCE,	Hamburgh,	14 French-St.
FRANK TOWNSEND LENT,	Poughkeepsie, N.Y.,	78 Paterson-St.
JOHN PERRINE MAYNARD,	Franklin Park,	Franklin Park.
OSCAR HARTWELL MAYNARD,	Caldwell,	30 George-St.
JOSEPH HEPBERN PARSONS,	Talladega, Ala.,	Left College.
ROBERT WOODWORTH PRENTISS,	Newark,	Raritan Park.
CHARLES ARTHUR REED,	New-Brunswick,	Left College.
GEORGE F. RIGGS,	Fishkill, N.Y.,	Left College.
LOUIS V. SNYDER,	Elizabeth,	Elizabeth.
CLARKSON C. VERMEULE,	New-Brunswick,	Terrace Hill.

† Partial.

FRESHMAN CLASS.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN EDMUND ACKERMAN,	Dundee Lake,	84 Bayard-St.
JOSEPH ELMER ALDRICH,	Catskill, N. Y.,	College-Avenue.
WILLIAM JAMES BAILEY,	Cedar Hill, N. Y.,	43 Hertzog Hall.
ABRAM VAN NEST BALDWIN,	New-Brunswick,	103 George-St.
ALBERT CHAMBERLAIN BURT,	Brooklyn, L. I.,	96 Church-St.
ROBERT ANDERSON COOK,	New-Brunswick,	Bleecker Place.
WILLIAM CRAMER,	Poughkeepsie, N. Y.,	78 Paterson-St.
CRAWFORD CROSBY,	Kingston, N. Y.,	80 Paterson-St.
CLARENCE STEPHENS DAVISON,	Tarrytown, N. Y.,	79 George-St.
ALFRED HOWARD DEMAREST,	New-Brunswick,	Seminary Place.
ALONZO CLARENCE DINGMAN,	Minden, N. Y.,	146 French-St.
LOUIS AUGUSTUS DuBOIS,	Kingston, N. Y.,	59 Bayard-St.
JOHN FRELINGHUYSEN,	Raritan,	62 Church-St.
THEODORE FRELINGHUYSEN,	Washington, D C.,	39 Albany-St.
GREGORY RICHARD GILLMORE,	New-York City,	Paterson-St.
ISAAC WILLIAM GOWEN,	New-Brunswick,	72 Paterson-St.
HERMAN HAGEMAN,	Readington,	8 Hertzog Hall.
PETER KENNEY HAGEMAN,	Bound Brook,	Bound Brook.
JASON SHEARWOOD HOFFMAN,	Lebanon,	43 Hertzog Hall.
WILLIAM ELLSWORTH JARRARD,	New-Brunswick,	George-St.
EDWARD WOOLSEY JEWETT,	Poughkeepsie, N. Y.,	Paterson-St.
WILLIAM KAMP,	Pella, Iowa,	Thompson Hall.
SEAMAN MILLER,	Linlithgo, N. Y.,	123 George-St.
CHARLES COOPER POLK,	Trenton,	Trenton.
ABRAM VAN LIEW PUMYEA,	Three-Mile Run,	Three-Mile-Run.
THOMAS M. FITZ RANDOLPH,	Morristown,	152 George-St.
DeWITT GILBERT ROCKEFELLER,	Normansville, N. Y.,	8 Hertzog Hall.
MILLARD F. ROSS,	New-Brunswick,	50 New-St.
JOHN SCARLET,	South Branch,	22 Hertzog Hall.
CORNELIUS SCHENCK,	New-Brunswick,	74 Bayard-St.
OLIVER PARSELL SCHNEEWEISS,	New-Brunswick,	126 George-St.

NAMES.	RESIDENCES.	ROOMS.
EZEKIEL CARMAN SCUDDER, JR.,	Upper Red Hook, N. Y.,	123 George-St.
THEODORE SHAFER,	Cedar Hill, N. Y.,	33 Hertzog-Hall.
HENRY GRANVILLE SHARPE,	Kingston, N. Y.,	72 Bayard-St.
OTIS DEXTER STEWART,	New-Brunswick,	30 Schureman-St.
JOHN LETSON STILLWELL,	Readington,	49 Schureman-St.
JOHN TERHUNE, JR.,	Matawan,	84 Bayard-St.
JOHN CLARENDON TODD,	Tarrytown, N. Y.,	80 Paterson-St.
GEORGE VAN DERVEER,	Somerville,	62 Church-St.
GEORGE VREDENBURG VAN NESTE,	Weston,	Weston.
BENJAMIN MILLER VAN SYCKLE,	Newark,	69 Albany-St.
DAVID DEMAREST ZABRISKIE,	Ridgewood,	74 Bayard-St.

FRESHMAN CLASS.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
JESSE HAGEMAN BEEKMAN,	New-Brunswick,	58 George-St.
PETER RANDOLPH BUCKELEW,	Plainfield,	146 French-St.
CONDICT WALKER CUTLER,	Morristown,	26 Paterson-St.
GEORGE ALBERT DEBAUN,	Saddle-River,	98 Somerset-St.
FRANK DONAHUE,†	New-Brunswick,	Throop-Ave.
CHARLES MANNING FREEMAN,	Metuchen,	Metuchen.
GEORGE HILL,	East-New-Brunswick,	Raritan-Ave.
PRESLEY THORNTON JENKINS,	Washington, D. C.,	35 Schureman-St.
FRANK MARSH,	Rahway,	Rahway.
TADANARI MATSDAIRA,	Tokei, Japan,	Schuyler-St.
HIRAM ABIFF MAYNARD,	Caldwell,	30 George-St.
JONATHAN BRUEN MILLER,	Newark,	Newark.
ALFRED BERRY NELSON,	Piscataway,	Piscataway.
WILLIAM APPLETON PAIGE,	Tarrytown, N. Y.,	79 George-St.
GEORGE WASHINGTON SHIPWAY,	New-Brunswick,	Cor. Church & Neilson.
WILLIAM RUNYAN STANBERY,	Scotch Plains,	54 Schureman-St.
JAMES POLHEMUS VAN WYCK,	Hudson, N. Y.,	146 French St.
EUGENE SPENCER VEGHTE,	Middlebush,	Middlebush.

† Partial.

RECAPITULATION.

NEW-JERSEY,	120
NEW-YORK,	56
ALABAMA,	1
CONNECTICUT,	1
DISTRICT OF COLUMBIA,	3
ILLINOIS,	1
IOWA,	1
MAINE,	1
ENGLAND,	1
JAPAN,	3
TOTAL,	188

SUMMARY.

Classical Department.

SENIORS,	31
JUNIORS,	20
SOPHOMORES,	38
FRESHMEN,	42

Scientific Department.

SENIORS,	5
JUNIORS,	20
SOPHOMORES,	14
FRESHMEN,	18
TOTAL,	188
IN COLLEGE,	165

CLASSICAL DEPARTMENT.

Faculty.

Rev. William H. Campbell, D.D., LL. D., President.
Professor Cook, Chemistry, and Natural History.
Professor Reiley, Latin.
Professor Murray, Mathematics, Natural Philosophy, and Astronomy.
Professor Doolittle, Rhetoric, Logic, and Mental Philosophy.
Professor Cooper, Greek.
Professor Atherton, History, Political Economy, and Constitutional Law.
Professor Meyer, French and German.
Professor Van Dyck, Analytical Chemistry.
Professor Bowser, Professor of Mathematics, and Engineering.
Professor Hasbrouck, Adjunct Professor of Mathematics, and Graphics.
Professor Rockwood, Mathematics, and Natural Philosophy.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to the College will be held on the Saturday and Monday before Commencement, (June 17th and 19th,) beginning at 9 o'clock, A.M., in the President's room. All who can do so are desired to present themselves on Saturday. Applicants for admission may also be examined on Tuesday and Wednesday, September 19th and 20th, at the same hour and place.

Candidates for advanced classes must sustain a satisfactory examination upon the subjects previously studied by the class which they propose to enter, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the Collegiate year.

Students who desire to pursue selected branches of study may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following, or a full equivalent, are the requirements for admission to the Freshman Class:

Latin.—Andrews and Stoddard's or Harkness' Grammar; Fischer's

Manual of Latin Grammar and Composition—First Part; Cæsar's Gallic War; Two Books of Virgil's Æneid or Ovid's Metamorphoses; Cicero's Orations against Catiline, on the Manilian Law, for the Poet Archias, and for King Deiotarus.

GREEK.—Hadley's Greek Grammar, including Prosody; Xenophon's Anabasis—three books; Arnold's First Greek Book, entire; Homer's Iliad or Odyssey—one book.

ENGLISH AND MATHEMATICS.—Arithmetic complete; Algebra, to Quadratic Equations; Plane Geometry—three books; Ancient and Modern Geography; English Grammar and Spelling; History of the United States.

2. Suggestions in regard to Preparation.

LATIN.—In preparing in Latin the student should give much more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of the moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Hanson's Latin Prose Book is recommended to both teacher and student. This book has excellent references to the standard Grammars of Harkness and Andrews, and contains as much of Cæsar, Sallust and Cicero, as is necessary to be used in preparation.

Some popular history of Rome should be read as a basis for the College course in that study.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Continental, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATIONS.—The examination is conducted in writing.

GREEK.—The examination will be: I. In Hadley's Grammar, which is used in the College, and is recommended in the preparation of students. The applicant must be thoroughly familiar with the

leading principles of the whole Grammar, including accent and quantity.

II. In Arnold's First Greek book (latest edition.) The whole of this book will be required.

III. In pronunciation and translation of the Greek text. The written accent must be followed in pronouncing prose. In Poetry, strict regard will be had to the quantity.

While Whiton's or Crosby's Greek Lessons entire, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

ENGLISH GRAMMAR AND GEOGRAPHY.—A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is also examined in spelling, reading and punctuation. Ancient Geography should be studied in connection with the Classical authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

HISTORY.—Candidates for admission are examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New-Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation than to the particular book used.

3. Course of Instruction.

The COURSE OF INSTRUCTION occupies four years, with three terms or sessions in each year.

The following is a scheme of the studies of the course. This scheme is not always strictly followed, either in the order of studies or the use of the particular text-books named; but it furnishes an exhibit of the

amount of work required of students during the four years, and may indicate to candidates for advanced standing the equivalents which will be accepted from them:—

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Cicero de Amicitia; Fischer's Manual of Composition. 2. *Greek*—Homer's Odyssey (two books), Arnold's Greek Prose Composition. 3. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 4. *Natural History*—Dalton's Physiology; Lectures. 5. *Rhetoric*—Haven; Lectures.

SECOND TERM.

1. *Latin*—Livy; Fischer's Manual of Composition; Mythology (Eschenberg). 2. *Greek*—Lucian's Timon; Greek Prose Composition. 3. *Mathematics*—Loomis' Algebra completed; Loomis' Geometry, from Book IV. 4. *Natural History*—Zoology. 5. *English Literature*—Sprague's Masterpieces of English Literature; Craik's English of Shakespeare. 6. *Elocution*—Lectures.

THIRD TERM.

1. *Latin*—Cicero de Officiis; Fischer's Manual of Composition. 2. *Greek*—Thucydides, Book II.; Greek Prose Composition; Ancient Chronology (Eschenberg). 3. *Mathematics*—Loomis' Geometry completed. 4. *Natural History*—Gray's Botany. 5. *English Literature*—Sprague's Masterpieces; Lectures.

Sophomore Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Tacitus; Latin Composition. 2. *Greek*—Sophocles' Antigone, (Woolsey); Prose Composition; Boise's Greek Exercises; Ancient Geography (Eschenberg). 3. *Mathematics*—Loomis' Conic Sections. 4. *Modern History*—Freeman's Outlines, with Written Essays.

SECOND TERM.

1. *Latin*—Plautus ; Horace; Latin Composition. 2. *Greek*—Demosthenes on the Crown, Tyler or D'Ooge; Greek Exercises; Greek Antiquities (Eschenberg). 3. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 4. *Modern History*—Freeman's Outlines with Written Essays.

THIRD TERM.

1. *Latin*—Quintilian; Latin Composition. 2. *Greek*—Aristophanes' Birds; Greek Exercises; Greek Antiquities; Lectures on Greek Literature. 3. *Mathematics*—Land Surveying, with Field Practice. 4. *Constitutional History of England*—Creasy.

Junior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy, and Hamilton's Metaphysics. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mathematics*—Loomis' Analytical Geometry. 3. *Analytical Chemistry*—Laboratory Practice.

SECOND TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry and Mineralogy. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy, and Hamilton's Metaphysics; Lectures. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Plato's Phædo, Wagner's edition. 2. *Mathematics*—Loomis' Calculus. 3. *Analytical Chemistry*—Laboratory Practice.

THIRD TERM.

1. *Astronomy*—Lockyer. 2. *Chemistry*—Lectures. 3. *History of Civilization*—Guizot. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mechanics*—Smith's Analytical Mechanics. 3. *Analytical Chemistry*—Laboratory Practice.

Senior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Chemistry*—Lectures on Organic Chemistry. 2. *Political Economy*—Bowen, and Perry; Lectures. 3. *Moral Philosophy*—Calderwood's Handbook; Lectures. 4. *Elective Studies*—One of which is to be pursned. 1. *Greek*—Anthology. 2. *Astronomy*—With use of Instruments. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

SECOND TERM.

1. *Chemistry*—Lectures on Chemical Physics. 2. *International Law*—Woolsey; Lectures. 3. *Constitution of the United States*—Andrews. 4. *Moral Philosophy*—Butler's Analogy. 5. *Elective Studies*—One of which is to be pursued. 1. *Latin*. 2. *Geodesy*—Lectures. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

THIRD TERM.

1. *Geology*—Lectures. 2. *Architecture*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Logic*—Thompson's Outlines; Lectures. 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Elementa Logices Aristoteleæ; Bergk's Anthology. 2. *Modern Languages*—German. 3. *Analytical Chemistry*—Laboratory Practice. 4. *Hebrew*—Extra.

4. Remarks on the Course of Study.

In the above schedule all the studies up to the close of the Sophomore year are obligatory, and are intended to be of such a character as will be equally desirable whatever subsequent profession or career is chosen. During the Junior and Senior years some subjects are required of all regular students, while several others are made elective, one at least of which must be pursued.

LANGUAGES.

Latin.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose author of the post-classical period is read.

Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with one of the philosophical or rhetorical treatises. Exercises in Latin Composition are continually required of the student.

Greek.—The Classical Greek authors are read constantly during the Freshman and Sophomore years, one term of the Junior, and two terms of the Senior year. The course is intended to embrace one complete treatise from a leading author belonging to each period, from Homer to Menander. And while the amount read is distinctly indicated by the Catalogue, it is the purpose to vary the authors, or portions from the same author, every year.

English Language and Literature.—These subjects are taught by a text-book, in connection with a course of lectures which are delivered to the Freshman Class.

French and German are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors. The Seniors have frequent practice in German conversational exercises.

Hebrew.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive Geometry, are optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations. In the Junior and Senior years practice in the Chemical Laboratory is one of the elective studies.

RHETORIC AND METAPHYSICS.

Elocution.—During the Freshman year lectures are delivered on the general principles of Elocution, and a practical application of these principles is made by the appropriate exercises in Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

Rhetoric is begun in the first term of the Freshman year, in order that the students may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

Mental Philosophy.—Porter's Elements of Intellectual Philosophy and Hamilton's Metaphysics, are the guide books in this department. But neither is implicitly followed. As opportunity offers, lectures upon important topics are interspersed through the course.

Lectures.—A course of lectures on the chief representative thinkers in the different schools of Metaphysics is delivered to the Seniors during the last term of the course.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

This course begins in the Sophomore year with Modern History. The study of these subjects is resumed again in the last term of the Junior year, and is continued through two terms of the Senior. The course consists of a study of text-books, with lectures and the writing of essays, and is designed especially to teach the principles of political science and the practical duties of citizenship.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

SCIENTIFIC DEPARTMENT.

RUTGERS SCIENTIFIC SCHOOL.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

FIRST CONGRESSIONAL DISTRICT.

	RESIDENCES.	TERMS EXPIRE.
DAVID PETTIT, Esq.,	Salem,	April 12, 1876.
CHALKLEY ALBERTSON, Esq.,	Haddonfield,	April 12, 1878.

SECOND CONGRESSIONAL DISTRICT.

Hon. WILLIAM PARRY,	Cinnaminson,	April 12, 1877.
EDWARD J. C. ATTERBURY, Esq.,	Trenton,	April 12, 1878.

THIRD CONGRESSIONAL DISTRICT.

HENRY K. HOW, Esq.,*	New-Brunswick,	April 12, 1876.
Hon. WILLIAM A. NEWELL,	Allentown,	April 12, 1878.

FOURTH CONGRESSIONAL DISTRICT.

Hon. JOSEPH THOMPSON,	Readington,	April 12, 1877.
WM. R. JANEWAY, Esq.,	Franklin Township,	April 12, 1878.

FIFTH CONGRESSIONAL DISTRICT.

Hon. HENRY C. PITNEY,	Morristown,	April 12, 1876.
Rev. JOHN STEELE, D.D.,	Paterson,	April 12, 1877.

SIXTH CONGRESSIONAL DISTRICT.

FRANCIS H. DAWES, Esq.,	Newark,	April 12, 1876.
WILLIAM M. FORCE, Esq.,	Newark,	April 12, 1877.

SEVENTH CONGRESSIONAL DISTRICT.

ABRAHAM S. DURYEE, Esq.,	New Durham,	April 12, 1878.
PETER HENDERSON, Esq.,	Jersey City,	April 12, 1878.

OFFICERS:

Hon. WILLIAM PARRY, *Chairman.*

HENRY K. HOW, Esq., *Secretary.**

* Deceased.

Faculty.

Rev. WILLIAM H. CAMPBELL, D.D., LL.D., President.
Professor COOK, Chemistry, Natural History, and Agriculture.
Professor DOOLITTLE, Rhetoric, and Mental Philosophy.
Professor SMOCK, Mining and Metallurgy.
Professor ATHERTON, History, Political Economy, and Constitutional Law; and Military Superintendent.
Professor MEYER, Modern Languages.
Professor VAN DYCK, Analytical Chemistry.
Professor BOWSER, Mathematics, and Engineering.
Professor HASBROUCK, Mathematics, and Draughting.
Professor ROCKWOOD, Natural Philosophy.

1. Conditions of Admission.

Every applicant for admission must be sixteen years of age and must submit to the President proper testimonials of a good moral character. If an applicant for a State scholarship, he must also present to the President a certificate of appointment from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz: on the Saturday and Monday preceding Commencement, June 17th and 19th, beginning at 9 o'clock, A. M., in the President's room. Applicants for admission may also be examined on Tuesday and Wednesday, September 19th and 20th, at the same hour and place.

Students may enter an advanced class either at the beginning of the College year or at other times, on condition that they sustain a satisfactory examination both on the preliminary studies and on those already passed over by the class which they propose to enter.

Provision is made for such students as wish to devote themselves to special subjects, if they are prepared to go on profitably with the regular classes in those subjects.

The following are the subjects on which those desiring to enter the Freshman class of the Scientific Department are examined. As they are all such as can be acquired in our best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete. 2. Algebra, to Quadratic Equations. 3. Plane Geometry—three books. 4. English Grammar—including spelling. 5. Descriptive Geography. 6. Physical Geography. 7. History of the United States.

2. Courses of Study.

Three distinct courses of study are included in the Schedule which follows:

I. A Course in Civil Engineering and Mechanics.
II. A Course in Chemistry and Agriculture.
III. A Special Course in Chemistry.

During the first and second years the studies of the two full courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches in either.

During the last two years the subjects of Higher Mathematics, Mechanics and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory, and Agriculture, in the other. The remaining subjects are pursued by the students of both courses together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is especially designed to meet the wants of those who cannot take the entire four years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course, receive from the Faculty a certificate of their attainments.

Students in this Department have daily practice in Draughting, with exercises and problems in Geometrical Constructions, in Descriptive Geometry, Topographical, Mechanical and Architectural Drawing, and in Graphical Statics. At present, several students who have acquired sufficient skill obtain positions as draughtsmen in various offices in the City.

Special Students are received, and allowed to take any part of the above course; and particular provision is made for them, especially in the Laboratory, in Mathematics, Surveying and Draughting.

The Special Course in Chemistry and Agriculture, occupying two years, is designed for those who wish to devote themselves exclusively to these branches. Opportunities of a very superior charac-

ter are afforded to such students under the charge of Professors Cook, Smock, and Van Dyck, in the new Laboratory building.

SPECIAL PROVISION IS ALSO MADE FOR STUDENTS WHO DESIRE, AFTER COMPLETING THE REGULAR COURSE OF STUDY, TO TAKE POST-GRADUATE STUDIES.

In connection with the instruction in Agriculture in this Department, the Trustees maintain an extensive model farm, designed to illustrate the principles of agriculture, and also to test by experiment the value of different systems. It is under the charge of the Professor of Agriculture, and *every Wednesday* during term time will be devoted to giving upon the farm explanations of the experiments and their results, to the students in agriculture, as well as to any farmers who may desire to avail themselves of this privilege.

In accordance with the requirements of the Law, the students in this Department are drilled in Military Tactics by the Military Superintendent. Arms and accoutrements for this purpose are furnished by the Quarter-Master General of the State.

3. Organization.

This department of the College has been designated by the Legislature of New-Jersey, in accordance with the law of Congress:

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

Under this law a certain number of students from the State of New-Jersey are received into this department of the College and educated free of expense for tuition. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent of Schools in each county. They are distributed among the counties in proportion to their population as follows:

STATE SCHOLARSHIPS.

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		
			40

COURSES OF STUDY.

Freshman Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *French.* 2. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 3. *Natural History*—Dalton's Physiology; Lectures. 4. *Rhetoric*—Haven; Lectures. 5. *Draughting*—Construction of Problems.

SECOND TERM.

1. *French.* 2. *Mathematics*—Loomis' Geometry, from Book IV. 3. *Natural History*—Zoology; Lectures. 4. *Elocution*—Lectures. 5. *English Literature*—Sprague's Masterpieces of English Literature; Craik's English of Shakespeare. 6. *Draughting.*

THIRD TERM.

1. *French.* 2. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 3. *Natural History*—Gray's Botany; Lectures. 4. *English Literature*—Sprague's Masterpieces; Lectures. 5. *Draughting.*

Sophomore Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Surveying*—Murray's Manual; Field Exercises and Mapping. 2. *Descriptive Geometry*—Church. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 5. *History*—Freeman's Outlines.

SECOND TERM.

1. *Descriptive Geometry*—Church; Construction of Problems; Navigation. 2. *Chemistry*—Lectures. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 4. *History*—Freeman's Outlines.

THIRD TERM.

1. *Leveling and Railroad Curves*—Henck's Field Book; Field Practice, and Plotting. 2. *Shades, Shadows and Perspective*—Church; Construction of Problems. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Lectures. 5. *History*—Creasy's Constitutional History of England.

Junior Year.

Course in Civil Engineering and Mechanics.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Analytical Geometry*—Peck. 3. *Natural Philosophy*—Snell's Olmsted. 4. *History of Civilization*—Guizot. 5. *Constitutional History of the United States*--Text-book (Andrews), and Lectures. 6. *Draughting.*

SECOND TERM.

1. *German.* 2. *Differential and Integral Calculus*--Peck. 3. *Natural Philosophy*--Snell's Olmsted. 4. *Political Economy*--Bowen, and Perry. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting.*

THIRD TERM.

1. *German.* 2. *Mechanics*--Peck or Smith. 3. *Astronomy*--Loomis. 4. *International Law*--Woolsey. 5. *Draughting.*

Junior Year.

Course in Chemistry and Agriculture.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Mineralogy* and *Analytical Chemistry*--Text-book, with Laboratory Practice. 3. *Agriculture*--Lectures at the Farm. 4. *Natural Philosophy*--Snell's Olmsted. 5. *History of Civilization*—Guizot. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures.

SECOND TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures. 4. *Natural Philosophy*—Snell's Olmsted. 5. *Political Economy*—Bowen, and Perry. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures.

THIRD TERM.

1. *German.* 2. *Analytical Chemistry*--Text-book, with Laboratory Practice. 3. *Agriculture*—Vegetable Physiology. 4. *International Law*--Woolsey.

Senior Year.

Course in Civil Engineering and Mechanics.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Mechanics*—Tate, or Smith. 2. *Engineering*—Mahan. 3. *Chemistry*—Lectures on Organic Chemistry. 4. *Moral Philosophy*—Calderwood's Handbook.

SECOND TERM.

1. *Engineering*—Mahan. 2. *Mechanics*—Tate, or Smith, Bridge Building; Indeterminate Analysis. 3. *Chemistry*—Lectures on Chemical Physics. 4. *Moral Philosophy*—Butler's Analogy.

THIRD TERM.

1. *Engineering*—Bridge Building and Railway Practice; Geodesy, Stone Cutting. 2. *Architecture*—Lectures. 3. *Geology*—Lectures. 4. *Moral Philosophy*—Butler's Analogy.

Senior Year.

Course in Chemistry and Agriculture.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Mining* and *Metallurgy*. 2. *Chemistry* and *Principles of Agriculture*—Lectures. 3. *Laboratory Practice*. 4. *Moral Philosophy*—Calderwood's Handbook.

SECOND TERM.

1. *Agriculture*—Its Methods and Products. 2. *Chemistry*—Lectures on Chemical Physics. 3. *Laboratory Practice*. 4. *Moral Philosophy*—Butler's Analogy.

THIRD TERM.

1. *Agriculture*—Animal Physiology; Care and Management of Domestic Animals. 2. *Architecture*—Lectures. 3. *Geology*—Lectures. 4. *Moral Philosophy*—Butler's Analogy.

SPECIAL COURSE IN CHEMISTRY.

First Year.

FIRST TERM—1. *Elements of Chemistry*—Text-book and Lectures. 2. *Blowpipe Analysis.* 3. *Elements of Mineralogy.*

SECOND TERM—1. *Physics and Chemistry*—Text-book and Lectures. 2. *Chemical Analysis*—Qualitative.

THIRD TERM—1. *Chemical Analysis*—Qualitative and Quantitative. 2. *Vegetable Physiology.*

Second Year.

FIRST TERM—1. *Chemical Analysis*—Analysis of Minerals, Ores, &c. 2. *Mineralogy*—Determinative.

SECOND TERM—1. *Chemical Physics*—Heat, Electricity, Magnetism, Galvanism and Electro-Magnetism—Text-book and Lectures. 2. *Analysis of Fertilizers and Chemical Products.*

THIRD TERM—1. *Lectures on Geology.* 2. *Chemical Analysis*—Special Investigations.

EXAMINATIONS.

The classes in both departments are examined at the close of each term. The examinations are partly oral and partly written, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms, the examinations of the classes of the Scientific Section are held in the presence of the Board of Visitors, who then make their semi-annual visits to the institution.

At the end of the third term, each member of the Graduating Class of the Scientific Section is required to present a thesis on some scientific subject, a copy of which is to be written out upon paper suitable for binding, and deposited in the College Library.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

GRADUATION.

To all members of the Graduating Class of the Classical Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Class, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commencement.

1. The privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.
SECOND HONOR—English Salutatory.
THIRD HONOR—Philosophical Oration.
FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *Rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided, that he must have been a member of his class for two years, and have a general grade in scholarship among the best two-thirds.

4. Eleven other speakers shall be chosen, of whom six shall be chosen by grade in scholarship, provided, that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and five shall be chosen by grade in composition and elocution during the Junior and Senior years, provided, that in their general grade in scholarship they be among the best two-thirds.

REGULATIONS.

1. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8.40 o'clock.
2. The recitation hours extend from 9 o'clock A. M., to 1 o'clock P. M., during five days of the week.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon and evening, at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during term time without permission from his Division Officer.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at Examination counts as much as one-third of the term.
9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one-half of the maximum grade in all his studies, he shall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.

13. When a student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent to the parent, and the student admonished by the President. When twenty-four are recorded against him, he shall be suspended or dismissed from the College.

14. Absences or tardinesses, for which excuse is not rendered by the student within one week, are entered as unexcused.

15. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures; provided, that in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may, at their discretion, grant an extension of time for making up the omitted work.

The above privilege of making up omitted recitations does not extend to absences at the beginning of the term, previous to the student's entering upon his College duties.

COLLEGE EXPENSES.

FEES.

Tuition, per annum, - - - - - - - - -	$75 00
Incidentals—Janitor, fuel, &c., per annum, -	8 00
Reading Room, per annum, - - - - - - -	2 00
Admission Fee, - - - - - - - - - - -	5 00
Graduation Fee, - - - - - - - - - - -	7 50

Damages are in all cases chargeable to the persons committing them.

Of the above expenses, the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees, one-third, viz., $25, is payable within ten days after the beginning of each term.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus. They are also expected to provide themselves, at their own expense, with certain necessary sets of apparatus. These sets are to be retained throughout the course, but at the end of the course, if the owners do not wish to retain them, they will be purchased at a fair price. If proper care has been exercised, a small discount only from the original cost will be made.

BOARD.

Board, with furnished rooms, can be obtained in New-Brunswick at the present time for $4 to $7 per week; board without rooms for $3.50 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz: at an expense of $34 per annum, payable one-half at the beginning of the first term, and one-half at the beginning of the second term. The rooms are heated and lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs, students are able to reduce somewhat their expenses for board.

BENEFICIARY AID.

1. Van Benschoten Fund.

This Fund, the gift of Rev. Elias Van Benschoten, in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlboro, N. J., left by his will, to the Trustees of Rutgers College, the sum of $500, to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New-York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-Mile-Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New-Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of

some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., 34 Vesey-street, N. Y.

8. Rooms for Students.

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

The Trustees have resolved to proceed at once with the work of providing a Dormitory to furnish rooms for students. As soon as the necessary funds are secured the building will be begun.

PRIZES AND HONORS.

All prizes and honors are open equally to members of the Classical and Scientific Departments, except in cases where prizes are specifically limited to one department by the donor. They are as follows:

1. Suydam Prize for Composition.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on the subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1876: "Memory—its Value and Cultivation."

Committee: Rev. Prof. John DeWitt, D.D.,
Rev. James M. Ludlow, D.D.,
H. W. Bookstaver, Esq.

2. Suydam Prize in Natural Science.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of the late Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL. D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of Studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject for the essay for 1876: "The Astronomical System of Plato's Timæus."

Subject for the examination for 1876: "Timæi Locri, De Anima Mundi."

Committee: Rev. William Cornell,
Alexander Johnson, Esq.,
Martin Bahler, M. A.

THE COOPER PRIZE of $25 in gold will be given to the second in the above contest, provided five contestants or more enter the examination.

4. Bradley Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of

a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the second term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M. D., of Newark, in the name of his son, Adjutant Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number the committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1876: Hon. David Murray, LL.D.,
Henry L. Janeway, Esq.,
James Neilson, Esq.

6. T. S. Doolittle Prize for Composition.

This prize consists of $25, and is to be given to the member of the Junior Class who shall write the best English Composition on a subject assigned to the class by the Professor of Rhetoric. The student to whom the prize is awarded, must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1876: "Spencer's Færie Queene."

Committee: Rev. Thomas Nichols,
Major M. H. Bright,
Rev. Samuel J. Rogers.

7. Tunis Quick Prize in Spelling and English Grammar.

This prize, the gift of P. Vanderbilt Spader, Esq., of New-Brunswick, is the income of $300, at 7 per centum, and is to be presented to that member of the Freshman Class, Classical or Scientific, who shall pass the best examination in Spelling and English Grammar.

The examination is to be conducted in writing by the Professor of English Literature, at as early a day as convenient in the second College term, and under such regulations as the Faculty may from time to time establish.

The prize may be withheld from any or all papers offered, either for want of merit or for failure of proper competition. In case the prize be not awarded in any year, it is to be offered one year later to the members of the same class, on the same conditions as at first.

All regulations as to time, manner and conditions of awarding the prize are subject to change by the Board of Trustees.

8. Peter Spader Prizes in Modern History.

These prizes, the gift of P. Vanderbilt Spader, Esq., are two in number, the income of $400 and $300, respectively, at 7 per centum, and are awarded to those members of the Sophomore Class, Classical or Scientific, who present the best essays on some subject in Modern History, selected by the Professor of History, with the approval of the Faculty.

The subject is to be announced at the close of the Freshman year, and the competing essays are to be handed in on or before the third Monday in the third term of the Sophomore year.

The committee annually appointed by the Faculty, may decline to award these prizes, or either of them, for want of merit in the essays or for failure of proper competition. In case the prizes be not awarded in any year, they are to be offered one year later to the members of the same class, on the same conditions as at first.

Successful essays are to be copied on paper selected by the Faculty, and deposited in the College Library, before the writer receives his prize.

All regulations as to time, manner and conditions of awarding the prizes are subject to change by the Board of Trustees.

Subject for 1876: "The Colonization of North-America by the English and the Dutch—considering motives, methods and results."

Committee: Rev. R. H. Steele, D.D.,
Rev. E. T. Corwin, D.D.,
Willard P. Voorhees, Esq.

9. Cook Prize for Mineralogy.

A prize consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the Graduating class of 1876, in the Scientific Department, who shall be able to identify and name the largest number of them, fifty being the minimum.

10. Appleton Memorial Prize in Moral Philosophy.

This prize was founded by a gift of $500, from Rev. Samuel E. Appleton in the name of his mother, Mrs. Elizabeth Appleton. It consists of $35—the interest of the above sum, and will be given to the member of the Senior Class who shall pass the best examination in Moral Philosophy.

Committee for 1876: Rev. Chester D. Hartranft,
Rev. Prof. David D. Demarest, D. D.,
Henry R. Baldwin, M. D.

11. William Wilson Prize in Mental Philosophy.

This prize consists of $25, given by Rev. F. F. Wilson, and Rev. P. Q. Wilson, in honor of their father, Captain William Wilson, of the New-Jersey State Militia. It will be open to competition for students in both the Classical and Scientific Sections who are pursuing the study of Mental Philosophy, and will be bestowed on the one who shall pass the best examination on some work assigned by the Professor of Metaphysics.

Work for 1876: Locke's Essay on the Human Understanding.

12. Wm. H. Van Doren Prize for the best Essay on Christian Missions.

This prize consists of $30, the gift of Rev. William H. Van Doren, D. D. It is open to competition for members of the Senior and Junior Classes in both Sections.

Committee for 1876: Rev. William B. Merritt,
Rev. A. E. Waffle,
Rev. J. S. Phelps.

13. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons, of whom one is chosen by each Society, and a third by the Faculty, and is based upon relative excellence as writers and speakers.

14. Reports of Scholarship.

At the close of each term reports of the scholarship maintained during the term in each subject are made up from the records, and transmitted to the parents or guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty, is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

LIBRARY AND MUSEUM.

1. Library.

The Library of the College is open for consultation at stated times during each term. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past four years, and no effort will be spared to make it what the Institution requires. Donations to this object, either in money or books, are earnestly solicited.

By the gift of a permanent fund of $1000 from the late James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities, and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms are provided in the new Geological Hall for the proper preservation and display of such specimens. By the kindness of numerous friends, suitable cases have been provided to receive the collections which the College already possesses, and they are now being arranged as rapidly as circumstances will allow.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. The arrangements for these departments in the building recently erected are of the most ample and convenient description.

WANTS OF THE COLLEGE.

One of the pressing wants of the College has been supplied by the erection of the new Kirkpatrick Memorial Chapel, which was dedicated on the 3d of December, 1873. But the growth of the Institution and the demand for greater facilities for education are creating others which appeal imperatively to the friends of the College.

1. Professors' Salaries.

It is absolutely indispensable to the future prosperity of the Institution, that the Professors receive such an increase of salary that they can devote themselves wholly to the interests of the College, without the necessity of doing outside work in order to live.

Will not the thoughtful friends of the College take this matter into serious consideration?

2. Dormitories.

The high price of board and the difficulty of providing suitable accommodations for so large a body of students, render indispensable a building for students' rooms. The Trustees present this subject to the patrons of the College and earnestly solicit the means, not less than $35,000, to erect at once a building. It is believed that this would reduce the cost of education at Rutgers College fully one-third.

3. Library Fund.

A large present addition of books is essential to the progress of the Institution. A permanent fund is also wanted from the income of which to make yearly additions to the library and to bind up and keep in order what has been accumulated.

4. The General Funds.

The funds for some general purposes of the College require a large increase: *First*, to make suitable provision for the care of grounds and buildings: *Second*, to make each year fresh additions to the supply of working apparatus in every department, Maps, Charts, Models, Drawings, Casts, &c. A fund that could be used for these and similar specific objects would greatly increase the working efficiency of the Institution.

REGISTER.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, *Feb.* 22, 1875.

LIST OF CONTESTANTS AND PRIZE MEN.

HENRY VEGHTE, Harlingen, *First Prize.*

EARL A. HOLDRIDGE, Poughkeepsie, N. Y., *Second Prize.*

H. MACKNESS BEEKMAN, North Branch, GARRET Z. SNIDER, Monsey, N. Y.,
ABRAHAM S. BRINKERHOFF, Wood Ridge, HERMAN W. VANDERPOEL, Albany, N. Y.,
CORNELIUS H. POLHEMUS, Millstone, JOHN Q. VAN DERVEER, North Branch.

2. Junior Exhibition.

ORATORS FOR 1875.

Philoclean Society.	*Peithessophian Society.*
CHARLES BRADLEY, Washington, D. C.,	H. M. COX, New-Brunswick,
P. H. MILLIKEN, Bloomingburg, N. Y.,	P. F. SUTPHEN, New-Brunswick,
C. B. PIERCE, New-Brunswick,	W. R. TAYLOR, Newark,
L. R. VREDENBERGH, Jr., Somerville.	W. A. VAN ZANDT, Albany, N. Y.

3. Graduating Exercises, JUNE 23, 1875.

HONORS.

JOHN H. SALISBURY, Catskill, N. Y., *Latin Salutatory*—First Honor.
C. L. D. WASHBURN, Jersey City, *English Salutatory*—Second Honor.
J. PRESTON SEARLE, Wyckoff, *Philosophical Oration*—Third Honor.
H. A. HENDRICKSON, Queens, N. Y., *Scientific Oration*—Fourth Honor.
JOHN H. SALISBURY, Catskill, N. Y., *Valedictory Oration*—Rhetorical Honor.

ORATIONS.

W. F. ANDERSON, East Greenbush, N. Y., ARTHUR L. TITSWORTH, Plainfield,
ROBERT BARR, Paterson, OLIVER H. WALSER, New Brighton, N.Y.,
ICHY ZO HATTORI, Japan, JACOB E. WARD, Madison,
JAMES KEMLO, Brooklyn, W. P. WATSON, Warrensburgh, N. Y.,
P. T. POCKMAN, East Greenbush, N. Y., B. V. D. WYCKOFF, Middlebush.
JAMES G. SUTPHEN, Millstone.

MASTER'S ORATION.

GEORGE S. DURYEE, Esq., Newark.

* RANSFORD WELLS.

* This name was inadvertently omitted from the roll of the Senior Class in the last Annual Catalogue.

PRIZES AWARDED.

Brodhead Prize for Classics,	THOMAS D. SWIFT.
Suydam Prize for Natural Science,	JOHN H. ACKERMAN.
Suydam Prize for Composition,	W. F. ANDERSON.
Bradley Prize for Mathematics,	W. F. ANDERSON.
Van Doren Prize for Missions,	H. A. HENDRICKSON.
Cook Prize for Mineralogy,	ROBERT A. MEEKER.
Appleton Prize for Moral Philosophy,	JOHN H. SALISBURY.
Bowser Prize for Theses,	A. L. TITSWORTH, H. V. BUTTLER.
Junior Prize for Composition,	HENRY M. COX.
Myron W. Smith Prize for Declamation, (1st,)	HENRY VEGHTE.
Myron W. Smith Prize for Declamation, (2d,)	E. A. HOLDRIDGE.
Peter Spader Prize, (1st,) in Modern History,	W. M. STILLMAN.
Peter Spader Prize, (2d,) in Modern History,	H. M. T. BEEKMAN.
Tunis Quick Prize for Grammar and Spelling,	HARRY M. ORNE.

HONORARY DEGREES.

LL.D.

Hon. THEODORIC R. WESTBROOK,
Judge of the Supreme Court of New-York.
Hon. THEODORE RUNYON, Newark,
Chancellor of New-Jersey.

D.D.

Rev. DAVID INGLIS, Brooklyn, L. I., Oct. 6, 1874.
Rev. Prof. HENRY C. CAMERON, Nassau Hall, Princeton, June 22, 1875.
Rev. WILLIAM CORNELL, Somerville, June 22, 1875.

A.M.

E. WHITTLESEY, Highland, Ill., Oct. 26, 1874.
MARCELLUS OAKEY, Jamesburg, June 22, 1875.
Major MARSHALL H. BRIGHT, N. Y. City, June 22, 1875.

A.B.

HERBERT BOGGS, Newark, June 22, 1875.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—JAMES LE FEVRE.
1855—ISAAC L. KIPP.
1856—GEORGE V. N. BALDWIN. SILAS D. SCUDDER.
1857—JAS. W. SCHERMERHORN. BENJAMIN C. SEARS.
1858—ROBERT O. CURRIE, JR.
1859—T. SANDFORD DOOLITTLE.
1860—DUPUYTREN VERMILYE.
1861—WILLIAM P. MESICK.
1862—FRANCIS A. HORTON.
1863—WILLIAM SMITH.
1864—WILLIAM H. LEUPP, JR.
1865—WILLIAM DEHART.
1866—JOHN G. VAN SLYKE.
1867—PETER L. VANDERVEER,
1868—VERNON B. CARROLL.
1869—WILLIAM E. GRIFFIS.
1870—R. AUGUSTUS PEARSE.
1871—JOHN W. CONKLIN.
1872—GEORGE H. LARGE.
1873—FRED. E. ALLEN.
1874—HOWARD N. FULLER.
1875—W. F. ANDERSON.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—WILLIAM W. POST.
1855—MILTON A. FOWLER.
1856—JOSIAH JANSEN.
1857—D. TEN BROECK REILEY.
1858—JOHN B. DRURY.
1859—WILLIAM CORNELL.
1860—DUPUYTREN VERMILYE.
1861———————
1862—ABRAM Q. GARRETSON.
1863—JOSEPH M. DIXON.
1864—N. I. MARSELUS BOGERT.
1865—FRANCIS C. VAN DYCK.
1866—ISAAC P. BROKAW.
1867—PETER L. VANDERVEER.
1868—HERBERT A. DRAKE.
1869—WILLIAM E. GRIFFIS.
1870—FREDERICK A. CANFIELD.
1871—RODOLPH C. OAKLEY.
1872—BENJAMIN C. MILLER, JR.
1873—WILLIAM W. COOK.
1874—WILLIAM B. BERRY.
1875—JOHN H. ACKERMAN.

BRODHEAD CLASSICAL PRIZE.

1855—DANIEL RAPLEJE.
1856—JOHN BELLENGER DOD.
1857—ABRAHAM THOMPSON.
1858—ROBERT O. CURRIE, JR.
1859—JONATHAN DIXON, JR.
1860—DUPUYTREN VERMILYE.
1861—LOUIS H. BAHLER.
1862—PETER LEPELTAK.
1863—GEORGE W. SWAIN.
1864—N. I. MARSELUS BOGERT.
1865—ISAAC E. HASBROUCK.
1866—GEORGE D. HULST.
1867—TUNIS GARRET BERGEN.
1868—VAN RENSSELAER WESTON.
1869—MARTIN BAHLER.
1870—ALEXANDER JOHNSON.
1871—WILLARD P. VOORHEES.
1872—GEORGE H. STEVENS. EDWARD W. STRONG.
1873—JOHN DEWITT PELTZ.
1874*—E. CUTTER, P. J. FULLER, A. H. STRONG, J. N. WYCKOFF.
1875—THOMAS D. SWIFT.

* Owing to the equal excellence of the competitors, the Cooper Prize of $25 was combined with the Brodhead Prize of $35, and equally divided.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. MARSELUS BOGERT.
1865—ISAAC E. HASBROUCK.
1866—ELLIS A. APGAR.
1867—BENJAMIN C. NEVIUS.
1868—EDGAR BENEDICT.
1869—MARTIN BAHLER.
1870—FREDERICK A. CANFIELD.
1871—WILLIAM N. TODD.
1872—WILLIAM J. LEGGETT.
1873—CLAUDIUS ROCKEFELLER.
1874—AMOS VAN ETTEN, Jr.
1875—W. F. ANDERSON.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1865	ARCHIBALD MERCER.	VERNON BOND CARROLL.
1867	JOHN TALMAGE VAN CLEEF.	WILLIAM ELLIOT GRIFFIS.
1868	WILLET DENIKE, Jr.	GEORGE R. GARRETSON.
1869	W. H. LAWRENCE.	C. F. VAN INWEGEN.
1870	WM. J. LEGGETT.	BENJAMIN C. MILLER, Jr.
1871	FREDERICK E. ALLEN.	MADISON M. BALL.
1872	JOSEPH R. DURYEE.	JOHN N. WYCKOFF.
1873	JOHN H. SALISBURY.	FRED. W. ANDERSON.
1874	C. C. VAN DEUSEN.	P. F. SUTPHEN.
1875	HENRY VEGHTE.	EARL A. HOLDRIDGE.

SCHERMERHORN PRIZE.

1867—EDWARD CADY THOMAS.
1868—WILLIAM ELLIOT GRIFFIS.
1869—R. A. PEARSE.
1870—J. W. CONKLIN, HALEY FISK, Jr.
1871—BENJAMIN C. MILLER, Jr.
1872—WILLIAM W. COOK.
1873—JOS. R. DURYEE.

DOOLITTLE PRIZE.

1874—JAMES KEMLO.
1875—HENRY M. COX.

VAN DOREN PRIZE FOR MISSIONS.

1869—A. W. BENSON, W. J. HILL.
1870—ASHER ANDERSON.
1871—JAMES C. GARRETSON.
1872—W. W. COOK.
1873—GEORGE R. DIXON.
1874—CHARLES DAVIS.
1875—H. A. HENDRICKSON.

COOK PRIZE FOR MINERALOGY.

1869—JOSHUA DOUGHTY.
1870—WILLIAM CLARK.
1871—JAMES K. BARTON.
1872—J. W. HERBERT.
1873—THOMAS B. STILLMAN.
1874—W. B. BERRY.
1875—ROBERT A. MEEKER.

MURRAY PRIZES FOR THESES.

First Prize.	*Second Prize.*
1869—E. SEALY.	S. E. BUCKNALL.
1870—WILLIAM CLARK.	C. C. HAVEN, JR.
1871—S. G. GANO.	J. A. MILLER.
1872—A. S. COOK.	G. B. OGDEN.
1873—E. VAN SYCKLE, JR.	T. B. STILLMAN.

BOWSER PRIZE FOR THESIS.

1875 { A. L. TITSWORTH,
H. V. BUTTLER.

ATHERTON PRIZES FOR ESSAYS IN HISTORY.

First Prize.	*Second Prize.*	*Third Prize.*
1873—J. H. SALISBURY.	F. W. ANDERSON.	C. L. D. WASHBURNE.

REV. JAMES CRUIKSHANK PRIZE FOR BEST ORATION AT COMMENCEMENT.

1873—JOSEPH R. DURYEE.

PETER SPADER PRIZES IN MODERN HISTORY.

First Prize.	*Second Prize.*
1874—WM. A. VAN ZANDT.	P. F. SUTPHEN.
1875—W. M. STILLMAN.	H. M. T. BEEKMAN.

TUNIS QUICK PRIZE IN GRAMMAR AND SPELLING.

1874 { H. VEGHTE, Grammar.
W. M. STILLMAN, Spelling.

1875—HARRY M. ORNE.

SMOCK BOTANY PRIZE.

1874—H. N. JOHNSON.

COOPER PRIZE.*

APPLETON MORAL PHILOSOPHY PRIZE.

1875—JOHN H. SALISBURY.

MASTER ORATORS.

1865—Rev. T. W. WELLS, Class 1862.
1866—JOS. M. DIXON, Esq., Class 1863.
1867—H. R. CROSBY, Esq., Class 1864.
1868—Rev. JOHN K. ALLEN, Class 1865.
1869—JOHN M. GAUT, Esq., Class 1866.
1870—WM. P. WILSON, Esq., Class 1867.
1871—V. R. WESTON, Esq., Class 1868.
1872—J. T. VAN CLEEF, Esq., Class 1869.
1873—L. L. KELLOGG, Esq., Class 1870.
1874—Rev. W. H. LAWRENCE, Class 1871.
1875—G. S. DURYEE, Esq., Class 1872.

* See Note page 47.

5. Alumni Association.

OFFICERS FOR THE YEAR 1875–6.

Prof. GEORGE W. COAKLEY, LL.D.,	President.
Hon. E. H. VOORHIS,	Vice-Presidents.
Hon. JOHN HOPPER,	
CORNELIUS ESSELSTEYN, Esq.,	
EDWARD S. VAIL, Esq.,	
ROBERT ADRAIN, Esq.,	Secretary.
HENRY R. BALDWIN, M. D.,	Treasurer.
Rev. DAVID COLE, D.D.,	Biographer.
RUSH VAN DYKE, M. D.,	Chairman of Standing Committee.
Hon. G. B. ADRAIN,	Vice-Chair'n Standing Committee.

6. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1875–6.

Prof. A. B. VAN ZANDT, D.D., Prest. CHAS. M. VOORHEES, M. D., Rec. Sec.
Prof. J. C. SMOCK, Vice-President. Prof. F. C. VAN DYCK, Treasurer.
Prof. C. J. ROCKWOOD, Ph.D., Cor. Sec. Prof. I. E. HASBROUCK, Registrar.

MEMBERS ELECTED FROM THE CLASS OF 1875.

ICHY ZO HATTORI.
H. A. HENDRICKSON.
JAMES KEMLO.
R. A. MEEKER.
P. T. POCKMAN.
J. H. SALISBURY.
J. P. SEARLE.
O. H. WALSER.
J. E. WARD.
C. L. D. WASHBURNE.
B. V. D. WYCKOFF.

THE VEDDER LECTURES.

This Lectureship was founded by Mr. Nicholas F. Vedder, of Utica, by a gift of $10,000, on the following among other conditions: that the General Synod should "every year elect some member of the Reformed Church in America to deliver to the students of the Seminary and of Rutgers College at least five lectures on the present aspects of Modern Infidelity, including its cause and cure."

The first course was delivered in 1874 by the Rev. Isaac S. Hartley, D.D., of Utica, and the second in 1875 by Prof. Tayler Lewis, LL.D., of Schenectady. The lecturer for the present year is Rev. Talbot W. Chambers, D.D., of New-York City.

GRAMMAR SCHOOL.

REV. ABRAHAM THOMPSON, A.M., RECTOR.
PROF. DEWITT T. REILEY, A. M., ASSOCIATE RECTOR.

This School prepares boys for the Classical and Scientific departments of the College, for business, or affords a High School course.

It is situated in New-Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is within one block of the Railroad Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New-Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain in the building until the train starts. The *building* is large and commodious, well ventilated, with an abundance of room for recitation, drill, gymnastics, cabinets, etc., affording accommodation for two hundred students.

The following is a brief Schedule of the Classes and studies:

PREPARATORY DEPARTMENT.

Reading; Spelling; Arithmetic, through Division; Grammar, Elementary; Geography, with map drawing; Botany; Writing; Drawing; Singing; Object Lessons; Composition; Declamation; Gymnastics.

Instruction in Natural Science, through Lectures by Rev. S. Lockwood, Ph.D. Boys finish this department when about twelve years of age.

GRAMMAR SCHOOL DEPARTMENT.

V. CLASS—Arithmetic, to addition of Fractions; Reading; Writing; Geography, Intermediate begun; Spelling; Grammar, Elementary; History of the United States; Vocal Music; Natural Science, by oral instruction.

IV. CLASS—Arithmetic, through Fractions and review; Reading; Writing; Geography, Intermediate finished; Spelling; Grammar, Elementary finished; Latin begun; History of the United States; Vocal Music; Natural Science, by oral instruction.

COLLEGE CLASSES.

III. Class—Arithmetic, through Interest; Latin Grammar and Reader begun; Composition, Fischer's Manual, First Book; German begun; Geography, Common School; History of the United States; Grammar; Natural History and Familiar Science by Lectures; Mental Arithmetic; Reading; Writing; Spelling.

II. Class—Arithmetic finished; Latin Reader finished, equivalent to six books of Cæsar; Cicero begun; Fischer's Manual, Second Book; Greek Grammar and Lessons, and two books of the Anabasis; Grammar; History of England; Natural History and Technology by Lectures; German; Reading; Writing; Spelling.

I. Class—Latin: Cicero finished, Sallust's Catiline, Virgil, Fischer's Manual; Greek: Anabasis, three books finished, Iliad, three books; Algebra; Geometry; Review of Elementary Studies; Geology and Agricultural Zoology by Lectures.

BUSINESS CLASSES.

B Class—Arithmetic, through Interest; Mental Arithmetic; Book-keeping; History of the United States; Grammar; Geography, Common School; Natural History and Familiar Science by Lectures; German; Reading; Writing; Spelling.

A Class—Arithmetic finished; Algebra; Book-keeping; Commercial Law; History of England; Constitution of the United States; German; Natural Philosophy; Physiology; Natural History and Technology by Lectures; Grammar; Reading; Writing; Spelling.

HIGH SCHOOL CLASS.

H Class—Geometry; Algebra; English Literature and Rhetoric; Political Economy; Physical Geography; General History; Chemistry; Botany; Geology and Agricultural Zoology by Lectures; German.

Composition, Elocution, Gymnastics and Military Drill in all the classes. The studies in all the classes are compulsory, unless the student is excused by personal application of parents or guardians. The pupil usually remains in each class one year.

Scholars are received into the School at any time, and assigned to the class which they are qualified to enter. After leaving the Fourth

Class, the scholar chooses the Business or Classical Course. In each there are three classes. At the end of the course the pupil is prepared to enter the Classical or Scientific department of the College.

CLASSICAL COURSE.—Latin is begun in the Fourth Class, and studied during the four years. Greek is studied during two years. *Young men*, however, who are able and diligent, can, by great effort, prepare for College in less time, and special provision and extra teachers are provided for such. No young man, however, should make the attempt unless absolutely compelled to do so. Moreover, attention to English studies, including the English Language, and lectures upon Technology and Natural History give variety to the education of the classical student.

THE BUSINESS COURSE.—This comprises two years in the A and B Classes. The instruction is intended to furnish the best practical knowledge of business that is possible in the time allowed. Book-keeping is taught throughout the course, continual practice being required in this, and the business forms. Commercial Law is given in the form of lectures. Commercial Arithmetic is taught with special regard to accuracy and rapidity. Algebra, History, Physiology, Constitution of the United States, Natural History, Natural Philosophy, and the German Language are parts of the course. A course of lectures on Technology familiarizes the student with the progress of the useful arts and inventions, and the meaning and use of scientific terms.

HIGH-SCHOOL COURSE.—The instruction will be in studies more general than in the Business Course. Geometry, Chemistry, Botany, Political Economy, German, English Language and Literature, and General History will be studied during this year. The students of this class will share in all the general exercises of the school, and will be fitted at the end of the year to enter the Scientific School.

PHYSICAL TRAINING.—This consists in Military Drill, Calisthenics, and Gymnastics, which are practiced under an experienced teacher.

GENERAL.—The best maps, charts, and diagrams are used in the school. A cabinet of Geology and Natural History has been secured, and will be largely increased. The Rutgers College Cabinets of Natural History are also open to the students, and visits to them are made occasionally by each class, under the direction of a teacher of Natural History. A library of books of reference is being collected,

and may be used by all. The school will accommodate two hundred students, whose condition, progress in study, etc., is made known to their parents by monthly reports.

PREPARATORY DEPARTMENT.—A Preparatory Department for boys from six to twelve years of age, is under the charge of a lady teacher. This department is entirely separate from the Grammar School. It is provided with models, maps and charts, and has the use of the Cabinet of Natural History for object teaching. It has the benefit of the Gymnasium and Apparatus belonging to the Grammar School, and the other teachers are employed in it as far as necessary.

The object of this department is to give boys a systematic course of instruction from the beginning, and to prepare them to enter the regular classes of the Grammar School at the proper time.

NATURAL SCIENCE.—In answer to many inquiries in regard to this course, we would say that it has been adapted to the best of our ability to the requirements of the times and the necessities of the pupil. It is begun in the Preparatory department by teaching the facts and observations of natural phenomena. This is continued in the Grammar School in the study of familiar science, Zoology and Natural History, the most interesting things in the Vegetable and Mineral world, and the structure of the earth. To this is added the useful arts. This part of the course is entirely in the form of Lectures, illustrated by specimens. In the higher classes, brief text-books are used in some of the departments of Natural Science. Every attempt is made to encourage the taking of notes in the lowest classes.

The department is under the charge of the Rev. S. LOCKWOOD, Ph.D., well known in this country as a Naturalist, and on both sides of the ocean as an original observer.

Attendance.

The hours of attendance are from 8.30 A. M. to 1.30 P. M. For absence, tardiness, or failure in recitation, *written* excuses are expected from parents or guardians.

Calendar.

First Quarter	begins	September 8th.
Second "	"	November 16th.
Third "	"	February 1st.
Fourth "	"	April 10th.

Recess during Christmas week.

Terms for Day Pupils.

Preparatory Department, - -	$ 9	per	quarter	of	ten	weeks.
4th, 5th, and B Classes, - -	13	"	"	"	"	"
A Class, . - - - - -	14	"	"	"	"	"
H Class, - - - - -	15	"	"	"	"	"
3d College, - - - -	16	"	"	"	"	"
1st and 2d College, - - -	18	"	"	"	"	"

The tuition is to be paid at the beginning of each quarter. No deduction for absence, unless occasioned by protracted sickness, extending over half a quarter, when the loss will be shared equally between the parents and the School. Pupils will be charged from the time of entrance.

Boarding Pupils.

Connected with the School is a large and pleasantly situated dwelling, with eight acres of ground attached, under the immediate charge of the Rector.

TERMS.—Board, Tuition, Fuel and Light, $100 per quarter of ten weeks. No extras, except for washing, pew-rent, attendance of a physician, and studies not in the regular course.

Each pupil must bring napkins, towels, bag for soiled clothes, napkin-ring, fork and spoon (plated), umbrella, overshoes. *All articles must be marked with the full name.* Payments made on the same conditions as by day scholars.

Damage to property will be repaired at the expense of the person committing it.

NECROLOGY.

JOHN DICKINSON.

Mr. Dickinson was born at Fordham, Westchester County, N. Y., September 17, 1812. He was a younger brother of Rev. Richard W. Dickinson, D.D., a distinguished clergyman of the Presbyterian Church. Mr. Dickinson graduated in the class of 1833. He had ample worldly means, and little motive for literary or professional effort. He gave his life to farming. He scarcely ever appeared at the College after graduation, and was probably known to few of the present members of the Alumni Association. He died March 12, 1875, and his remains were interred in Woodlawn Cemetery, not far from his birth-place and his recent home.

HENRY KOLLOCH HOW.

Mr. How was the only son of the Rev. Samuel B. How, D.D., and Mary Snowden. His father was a distinguished clergyman of the Reformed Church for the last thirty years of his active life. At the beginning of his ministry, however, he had been pastor of a Presbyterian Church in Savannah, Georgia, and afterwards President of Dickinson College, at Carlisle, Pa. His life in the Reformed Church was spent in a pastorate at New-Brunswick, and during this period he was a prominent Trustee, and a remarkably useful counsellor and active friend of the College. His son Henry was born in Savannah in April, 1825. He graduated from this College in 1842, in the eighteenth year of his age. A few years later he entered the Theological Seminary at New-Brunswick, but, after two years of study, was compelled to give it up, and tour in the South and West for his health. Returning after a time, he pursued the drug business in New-Brunswick and Trenton. In 1857 he married Mrs. Mary Kinnan, of Three-Mile-Run, N. J.; and, coming by this marriage into the possession of a considerable estate, he afterwards devoted himself to the care of this to the end of his life. He died of consumption, on Sabbath, June 20th, and his remains were interred in Elmwood Cemetery, New-Brunswick, June 24th, the day after the College Commencement of 1875. Mr. How was a man of warm and earnest character, and of varied ability and talent. He was especially an intelligent and practical agriculturist. At the time of his death he was, and had been for many years, Secretary of the Alumni Association of the Col-

lege. He was a ready writer. In 1870, the Rutgers Centennial year, he wrote a poem on the College, which was published in the New-Brunswick *Times*, and also in pamphlet form, and attracted much attention. The announcement of his death, which had just occurred when the Alumni last convened, fell upon the Association with a painful startle. He had been for thirty-three years one of its most faithful members, and had planned and toiled earnestly to make the Association a power. It is especially pleasant to us, as we put upon the record his early death, to be able to add our undoubted assurance that he was prepared to depart, and has really gone to be at rest with Christ. He leaves a widow, and a son and daughter to mourn their loss.

JOHN VAN NEST BALDWIN.

Mr. Baldwin was a graduate of the class of 1854. He was a son of Rev. Eli Baldwin, M.D., D.D., and a grandson of Abraham Van Nest, for many years a Trustee and liberal benefactor of the College. Mr. Baldwin was born in New-York City, April 17, 1834. He entered the Albany Law School immediately after graduation from College, and was admitted to the Bar in 1857. His office preceptors were Messrs. Lee and Schmidt. He was in practice eight or nine years, being a member of the firm of Schmidt, Baldwin and Aymar. Having a moderate patrimony, he was never ambitious for large practice. He spent his last years in Europe, whither he had gone to repair failing health. He died at Wiesbaden, Germany, August 26th, 1874. His integrity was beyond reproach; he had an honesty which could tolerate no deceit; he had a plain, blunt manner of speech, but back of it a heart full of noble and generous impulses. And he had a vein of quiet humor which made him a good companion. His social qualities were held in high esteem by many friends. His death was the result of dropsical affection of the liver. Early lessons of piety were blessed to him in his closing days. He regarded death with composure, and is believed to have met it in the exercise of the Christian hope.

PETER HASBROUCK.

Mr. Hasbrouck was born at New Paltz, N. Y., July 30, 1839, and died very suddenly at the home of his sister in Shawangunk, Ulster County, N. Y., July 6, 1875, at thirty-six years of age. His early studies were pursued in the schools of his native county. At seventeen he began to teach in New Paltz, and continued teaching

there for three years. Afterwards he was an assistant in the boarding school of Rev. Ebenezer Seymour, at Bloomfield, N. J., and later still he pursued his own studies, and taught in the Institute of Prof. David Rowe. at Tarrytown, N. Y. From the latter school he entered the Freshman Class of this College in 1863, and in regular course graduated with the class of 1867. His standing in his class was high, especially in Mathematics. Even during his College course he continued more or less his teaching work, and both before and after graduation, in all nine years, he was an efficient co-laborer with his brother, Dr. Washington Hasbrouck, in his Institute in Jersey City, N. J. He had entered College with the ministry in view, but was diverted from his intention by an affection of the throat. In the teaching work to which he was providentially turned, he distinguished himself by extraordinary devotion and proportionate success. Whatever he found to do he did with his might. For a number of years he was Superintendent of one of the largest Sabbath Schools of Jersey City. As a Christian, he was devoted and earnest. In all his views and work he was practical and progressive. His conversion occurred in his seventeenth year, and his whole after life proved it to have been genuine. He talked and taught and prayed and worked for the Master he loved, and for the salvation of souls. He had the singular faculty of warmly attaching to himself all who knew him, and his pupils, from whom he was so suddenly removed, his cla-smates and friends who have been called to give him up, and this College to which he was ever true, all feel that they have lost a warm and real friend in Peter Hasbrouck's death.

FERDINAND S. WILSON,

After his graduation with the Class of 1854, he studied law first in the office of Hon. Garnet B. Adrain, New-Brunswick, and afterwards in the office of Hon. Wm. L. Dayton, Trenton. He entered upon the practice of his profession in New-Brunswick, but subsequently removed to Millstone, where he was engaged as an attorney at the time of his death, August 19, 1871. Mr. Wilson was a thoroughly honest, upright and honorable man. He possessed good legal abilities, and was becoming well known especially as a judicious counsellor in all questions relating to real estate. He died at the early age of 37, leaving a wife and three small children. He was mourned by a large concourse of people, including the members of the Bar, and the officers of Middlesex and Somerset Counties.

WILLITT DENIKE, JR.

WILLITT DENIKE, Jr., was born at Peekskill, N. Y., November 13, 1848, died December 10, 1874. He was a diligent student in College, and was admitted to the Bar at the age of twenty-one—1869. He was appointed Assistant United States District Attorney for the Southern District of New-York in 1872, and retained his position one year, when he resigned on account of his health, which had become impaired by his unremitting duties. He took an active part in politics, and distinguished himself in the campaign of 1872, as an orator. He was married December 23, 1873. He served often as a vestryman of St. Paul's Church, Rahway. Willitt Denike was a young man of rare talents and great legal abilities. He was a public-spirited citizen, and delighted in aiding young men to obtain an education. And so, though early taken from us, he has left something imperishable in the recollection and examples of his virtues.

"Greatly loved, deeply lamented."

Triennial Catalogue.

Graduates of the College and others, who many find errors or deficiencies in the last Triennial Catalogue, are urgently requested to send the proper corrections to the President of the College in order that they may be incorporated in the next edition.

Old Catalogues.

The College Library is in want of early issues of the Annual Catalogue with which to make up a few sets for binding. Friends who may have copies which they are willing to spare for such a purpose, will confer a particular favor by sending them to the Librarian.

Necrology.

Any facts respecting deceased graduates or students of the College, which will help to make the annual obituary notices more complete, will be thankfully received at any time, and may be sent to the President or Librarian.

Form of Bequest.

A form of bequest is appended, in the hope that the friends of education will remember the College, and aid the earnest efforts of its friends, to make it as widely and as largely useful as possible. As long as it continues to prosper and enlarge, an increase of funds will be needed.

Bequest.

I give and bequeath unto the Trustees of Rutgers College, in New Jersey, ... Dollars, for the maintenance and support of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New-Jersey, ... Dollars, to endow a Professorship of in said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New-Jersey, ... Dollars, to increase the Library of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New-Jersey, ... Dollars, to increase the Philosophical Apparatus of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New-Jersey, ... Dollars, for the endowment of the Grammar School of said College.

LD 573
R97

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1876-'77.

FOUNDED A. D. 1770.

NEW BRUNSWICK, N. J.:
TERHUNE & VAN ANGLEN'S PRESS, No. 31 ALBANY STREET.
1876.

Calendar.

1876-7.

1876.	June 21,	Wednesday: Commencement: Vacation.
"	September 20,	Wednesday: First Session begins.
"	September 19, 20,	Tuesday and Wednesday: Examinations for admisson.
"	December 20,	Wednesday: First Session ends. Vacation.
1877.	January 4,	Thursday: Second Session begins.
"	January 25,	Day of Prayer for Colleges.
"	February 22,	Thursday: Sophomore Exhibition.
"	April 4,	Wednesday: Second Session ends. Vacation.
"	April 12,	Thursday: Third Session begins.
"	May 21, 22,	Monday and Tuesday: Senior Examinations.
"	June 15, 16,	Friday and Saturday: Examinations for admission.
"	June 17,	Sunday: Baccalaureate Sermon by the President,
"	June 19,	Tuesday: Meeting of Alumni: Exercises of the Literary Societies: Junior Exhibition in the Evening.
"	June 20,	Wednesday: Commencement: Vacation.
"	September 20,	Thursday: First Session begins.
"	September 20,	Thursday: Examinations for admission.
"	December 19,	Wednesday: First Session ends. Vacation.
1878.	January 3,	Thursday: Second Session begins.

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

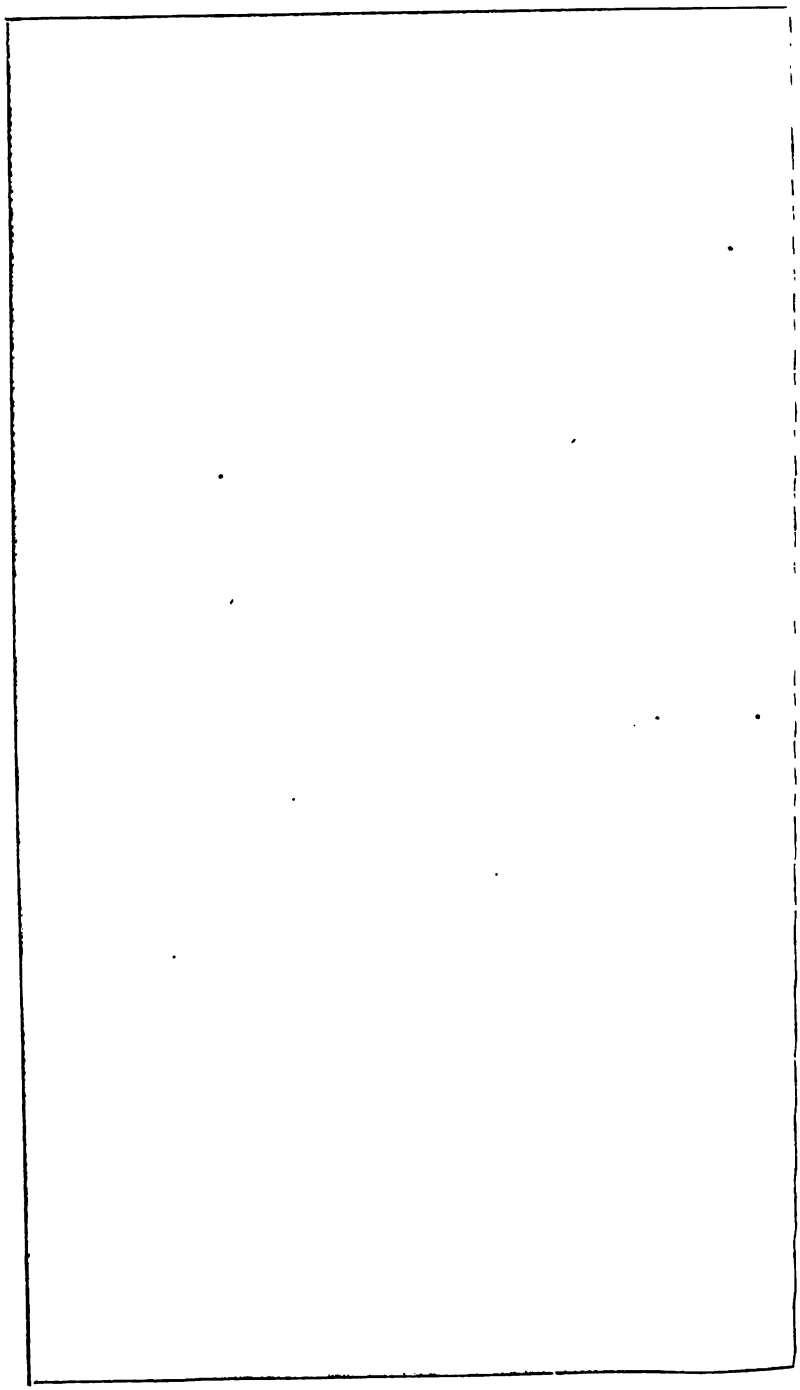
Rutgers College,

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Trustees.

EX-OFFICIO:

His Excellency, JOSEPH D. BEDLE, Jersey City,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D., Trenton,
Chief Justice of the State of New Jersey.

Hon. JACOB VANATTA, Morristown,
Attorney-General of the State of New Jersey.

BY ELECTION:

NAMES.	RESIDENCES.	DATE OF ELECTION.
Rev. Wm. H. CAMPBELL, D.D.,LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N. Y.,	July 17, 1837
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 23 1845
Rev. GUSTAVUS ABEEL, D.D.	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
MAURICE E. VIELE, Esq.,	Albany, N.Y.,	July 27, 1853
CHARLES W. SWIFT. Esq.,	Poughkeepsie,N.Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N.Y.,	July 27, 1853
PETER S. DURYEE, Esq.,	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Washington, D.C.,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N.Y.,	Oct. 16, 1860
DAVID BISHOP, Esq.,*	New Brunswick,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N.Y.,	Oct. 16, 1860

*Deceased April 12, 1876.

NAMES.	RESIDENCES.	DATE OF ELECTION.
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N.Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Hon. JACOB B. JEWETT,*	Poughk'psie, N.Y.,	April 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Poughk'psie, N.Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N.Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N.Y.	April 13, 1871
SAMUEL SLOAN, Esq.,	New York City,	June 20, 1871
GEORGE C. LUDLOW, Esq.,	New Brunswick,	June 17, 1873
Hon. WILLIAM A. NEWELL,	Allentown,	June 17, 1873
Rev. ISAAC S. HARTLEY, D.D.,	Utica, N.Y.,	June 17, 1873
CORTLANDT PARKER, Esq.,	Newark,	March 31, 1874
Hon. THEODORE F. RANDOLPH,	Morristown,	March 31, 1874
S. OAKLEY VANDERPOEL, M.D.,	Stapleton, S. I.,	June 22, 1875
THEODORIC WESTBROOK, LL.D.,	Kingston, N.Y.,	Oct. 26, 1875
Rev. WILLIAM ORMISTON, D.D.,	New York City,	June 20, 1876
Rev. JOHN GASTON, D.D.,	Passaic,	June 20, 1876
HENRY W. BOOKSTAVER, Esq.,	New York City,	June 20, 1876
ROBERT F. BALLANTINE, Esq.,	Newark,	June 20, 1876

Rev. DAVID D. DEMAREST, D.D., *Secretary of the Board*,

New Brunswick.

JOHN C. ELMENDORF, Esq., *Treasurer*.

Office—39 Albany Street, New Brunswick.

Rev. JAMES LeFEVRE, A.M., *Financial Agent*.

Middlebush.

PETER THOMAS, *Janitor*.

*Deceased January 13, 1875.

Faculty.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,

(PRESIDENT,)

THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,

(VICE-PRESIDENT,)

Professor of Chemistry, Natural History, and Agriculture.

REV. DEWITT TEN BROECK REILEY, A.M.,

Professor of the Latin Language and Literature, and Rector of the Grammar School.

REV. THEODORE SANDFORD DOOLITTLE, D.D.,

COLLEGIATE CHURCH *Professor of Rhetoric, Logic, and Mental Philosophy.*

REV. JACOB COOPER, D.D., D.C.L.,

Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A.M.,

Professor of Mining and Metallurgy.

GEORGE W. ATHERTON, A.M.,

VOORHEES *Professor of History, Political Economy, and Constitutional Law;—and Military Superintendent.*

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A.M.,
Professor of Analytical Chemistry.

EDWARD A. BOWSER, M.S., C.E.,
Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A.M.,
Adjunct Professor of Mathematics and Graphics.

CHARLES G. ROCKWOOD, Jr., A.M., PH.D.,
Professor of Mathematics and Astronomy, and Instructor in Natural Philosophy.

HENRY PRENTISS ARMSBY,
Assistant to the Professor of Chemistry.

GEORGE W. ATHERTON, A.M.,
Librarian.

ISAAC EDGAR HASBROUCK, A.M.,
Assistant Librarian.

The names of Professors are arranged according to seniority of appointment, with the exception of the President's.

Catalogue of Students

For the Year Beginning Sept. 20, 1876.

Senior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
H. Mackness T. Beekman,	North Branch,	34 Bayard St.
Abraham S. Brinkerhoff,	Wood Ridge,	69 Bayard St.
Robert Findley Fischer,	New Brunswick,	Livingston Av.
Earl Ansel Holdridge,	Poughkeepsie, N.Y.,	Reiley Hall.
John Haines Knox,	Elizabeth,	123 George St.
James Pierpont Langdon, Jr.,	New Brunswick,	4 College Ave.
Cornelius H. Polhemus,	Middlebush,	Middlebush.
William Leggett Skinkle,†	Newark,	Newark.
Garret Zabriskie Snider,	Monsey, N.Y.,	34 Bayard St.
Herman Wendell Vanderpoel,	Albany, N.Y.	20 Albany St.
John Quick Van Derveer,	North Branch,	123 George St.
Wm. Herman Van Steenbergh,	Rhinebeck, N.Y.,	123 George St.
Stephen Condict Van Winkle,	Passaic,	Church St.
Henry Veghte,	Harlingen,	62 Church St.
Robert Stockton Wark,	New Brunswick,	30 George St.
Samuel M. Woodbridge, Jr.,	New Brunswick,	Brookside.
William Forman Wyckoff,	Wood Haven, L.I.,	78 Bayard St.

†Partial.

Senior Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
JOHN FRANCIS LADLEY,	New Brunswick,	118 Albany St.
LEANOR FRESNAL LOREE,	Rahway,	Rahway.
WILLIAM JAMES NELSON,	Piscataway,	Piscataway
EDWARD INGELOW PITMAN,	Rugeley, Eng.,	College Ave.
CHARLES TAYLOR POMEROY,	Newark,	Newark.
ELLIS FRANK POTTER,	Rahway,	54 Schureman St.
EDWARD ANDERSON REILEY,	Lambertville,	Prof. Reiley's
WILLIAM MAXSON STILLMAN,	Plainfield,	74 Bayard St.
GEORGE MCCLELLAN TAYLOR,	Holmdel,	129 George St.
ALFRED ALEXANDER TITSWORTH,	Dunellen,	54 Schureman St.
ISAAC VAN WINKLE,	Passaic,	71 Church St.
LARUE VREDENBURGH,	Springfield, Ill.,	54 Schureman St.
WILLIAM RUSSELL WHITEHEAD,	Trenton,	Trenton.

Junior Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
Louis Bevier, Jr.,	Marbletown, N.Y.,	114 New St.
Henry James Bogardus,	Yonkers, N.Y.,	20 Hertzog Hall.
Frederick Joseph Collier,	Hudson, N.Y.,	75 Bayard St.
Everett Mallory Culver,	Jersey City,	71 Albany St.
John Edward Elmendorf,	New Brunswick,	39 Albany St.
Nicoll Floyd Elmendorf,	Poughkeepsie, N.Y.,	78 Paterson St.
Charles Everett,	Dayton,	Dayton.
John Blair Gibbs,	New Brunswick,	Easton Ave.
Sei-Ichi Kudo,†	Tokei, Japan,	55 Albany St.
George LeFevre,	New Paltz,N.Y.,	18 Hertzog Hall.
William Burnham Marshall,	Metuchen,	Metuchen.
John Hull McLean,	Freehold,	20½ Albany St.
Otto Meyer,	New Brunswick,	Easton Ave.
Harry Merrill Orne,	New Brunswick,	74 New St.
James Henry Owens,	Yonkers, N.Y.,	20 Hertzog Hall.
Cortlandt Parker, Jr.,	Newark,	96 George St.
John Lawson Senior,	Montgomery, N.Y.,	13 Kirkpat'k St.
William H. Scudder,	India,	43 Hertzog Hall.
George Edward Stubbs,	New Brunswick,	62 Bayard St.
Egbert Tears,	Shawangunk,N.Y.,	24 Hertzog Hall.
Howard Davidson Terhune,	New Brunswick,	149 George St.
John Vanderpoel,	Albany, N.Y.,	20 Albany St.
John Letson Vandeventer,	New Brunswick,	84 Somerset St.
Henry C. Van Dolsen,†	River Edge,	71 Albany St.
Jonah Vaughan,	New Vineyard, Me.,	52 Hertzog H.

†Partial.

Junior Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
John Bishop,	New Brunswick,	College Ave.
Edward Duryee,	Rahway,	Rahway.
Harry Monmouth Herbert,	New Brunswick,	74 Carroll Place.
Walter Livingston Lawrence,	Hamburgh,	6 Paterson St.
Frank Townsend Lent,	Poughkeepsie, N.Y.,	75 Paterson St.
Robert Woodworth Prentiss,	Brooklyn, N.Y.,	Raritan Park.
Louis V. Snyder,	Elizabeth,	Albany St.
C. Clarkson Vermeule,	New Brunswick,	Terrace Hill.

Sophomore Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
John Edmund Ackerman,	Dundee Lake,	59 Bayard St.
Joseph Elmer Aldrich,	Catskill, N.Y.,	30 Schureman St.
William James Bailey,	Cedar Hill, N.Y.,	46 Hertzog Hall.
Abram Van Nest Baldwin,†	New Brunswick,	103 George St.
Albert Chamberlain Burt,	Brooklyn, L.I.,	146 French St.
Robert Anderson Cook,	New Brunswick,	Bleecker Place.
Frank B. Conover,	Freehold,	62 Albany St.
William Cramer,	Poughkeepsie,N.Y.,	78 Paterson St.
Crawford Crosby,	Kingst n, N.Y.,	79 George St.
Clarence Stephens Davison,	Tarrytown, N.Y.,	79 George St.
Alfred Howard Demarest,	New Brunswick,	Seminary Place.
Louis Augustus DuBois,	Kingston, N.Y.,	59 Bayard St.
John Frelinghuysen,	Raritan,	62 Church St.
Theodore Frelinghuysen,	Newark,	39 Albany St.
Gregory Richard Gillmore,	New York City,	20½ Albany St.
Isaac William Gowen,	New Brunswick,	72 Paterson St.
Herman Hageman,	Readington,	8 Hertzog Hall.
Peter Kenney Hageman,	Bound Brook,	Bound Brook.
Jason Shearwood Hoffman,	Lebanon,	6 Paterson St.
William Ellsworth Jarrard,	New Brunswick,	George St.
Edward Woolsey Jewett,	Poughkeepsie, N.Y.,	78 Paterson.
William Kamp,	Pella, Iowa,	146 French St.
Seaman Miller,	Linlithgo, N.Y.,	6 Paterson St.
Asher Murray,	Delhi, N.Y.,	46 Paterson St.
Abram Van Liew Pumyea,	Three-Mile Run,	Three-Mile Run.
DeWitt Gilbert Rockefeller,	Albany, N.Y.,	49 Schureman St.
Millard F. Ross,	New Brunswick,	50 New St.

†Partial.

NAMES.	RESIDENCES.	ROOMS.
ERNST LINWOOD RUNYON,	New Brunswick,	Hamilton Ave.
JOHN SCARLET,	South Branch,	49 Schureman St.
CORNELIUS SCHENCK,	New Brunswick,	74 Bayard St.
EZEKIEL CARMAN SCUDDER, JR.,	New Brunswick,	43 Hertzog Hall.
THEODORE SHAFER,	Cedar Hill, N.Y.,	41 Hertzog Hall.
JOHN LETSON STILLWELL,	Somerville,	33 Hertzog Hall.
JOHN TERHUNE, JR.,	Matawan,	59 Bayard St.
JOHN CLARENDON TODD,	Tarrytown, N.Y.,	13 Kirkpat'k St.
GEORGE VAN DERVEER,	Somerville,	62 Church St.
GEORGE VREDENBURG VAN NESTE,	Weston,	Weston.
DAVID DEMAREST ZABRISKIE,	Ridgewood,	43 Paterson St.

Sophomore Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
JESSE HAGEMAN BEEKMAN,†	New Brunswick,	58 George St.
PETER RANDOLPH BUCKELEW,	Plainfield,	34 Bayard St.
CONDICT WALKER CUTLER,	Morristown,	79 George St.
GEORGE ALBERT DEBAUN,	Saddle River,	6 Paterson St.
CHARLES MANNING FREEMAN,	Metuchen,	Metuchen.
GEORGE HILL,	East New Brunswick,	Raritan Ave.
FRANK MARSH,	Rahway,	Rahway.
TADANARI MATSDAIRA,	Tokei, Japan,	4 Schuyler St.
JONATHAN BRUEN MILLER,	Newark,	Newark.
ALFRED BERRY NELSON,	Piscataway,	Piscataway.
GEORGE W. SHIPWAY,	New Brunswick,	Church & Neilson.
WILLIAM RUNYON STANBERY,†	Scotch Plains,	Fanwood.

†Partial.

Freshman Class.

Classical Section.

NAMES.	RESIDENCES.	ROOMS.
Thomas Woodhouse Bakewell,	Parnassus, Pa.,	Pres. Campbell's.
Howard Leon Browning,	Hartford, Conn.,	79 George St.
George Buttler, Jr.,	New Brunswick,	E. N. Brunswick.
Herbert Henry Cameron,	Albany, N.Y.,	47 Hertzog Hall.
Charles Freeman Cantine,	Saugerties, N.Y.,	34 Bayard St.
Charles Clark,	New Germantown.	
Edward Charles Delavan, Jr.,	New York City,	79 George St.
Nathan Henry Demarest,	New York City,	29 Hertzog Hall.
William Alexander Dumont,	Bedminister,	29 Hertzog Hall.
Pierre St. John Gillespy,	Saugerties, N.Y.,	34 Bayard St.
Richard Morris Greenbank,	New Brunswick,	Bayard St.
Clark Morrison Hamilton,	Millstone,	Millstone.
Gilbert D. B. Hasbrouck,	Port Ewen, N.Y.,	71 Church St.
Walter D. Hasbrouck,	Orangeburg, N.Y.,	58 Paterson St.
Charles Arthur Horn,	New Haven, Conn.,	47 Hertzog H.
Egbert Le Fevre,	Middlebush,	Middlebush.
Fred. Wilkconson Olcott,	Millstone,	Millstone.
Edmund Rawson Palmer,	New Brunswick,	College Ave.
Clarence Mather Perlee,	New York City,	6 Paterson St.
Thomas M. Fitz Randolph,	Morristown,	79 George St.
Louis Thompson Reed,	Somerville.	
George Washington Scarlet,†	South Branch,	49 Schureman St.
Edward Francis See,	Tarrytown, N.Y.,	45 Hertzog Hall.
John Gregory Slee,	Poughkeepsie, N.Y.,	78 Paterson St.
Bevier Hasbrouck Sleight,	Sleight's Burgh, N.Y.,	71 Church St.
George Stephens,	Rahway,	Rahway.
Otis Dexter Stewart,	New Brunswick,	30 Schureman St.

†Partial.

NAMES.	RESIDENCES.	ROOMS.
JOHN L. SUYDAM,	Three Mile Run,	Three Mile Run.
STEPHEN VEDDER TEN EYCK,	Astoria, L. I.,	6 Paterson St.
WILLIAM VAN DOREN,	Middlebush,	Middlebush.
JOSEPH APPLETON VAN MATER,	Marlboro,	79 George St.
SHERMAN VAN NESS, JR.,	Hudson, N.Y.,	123 George St.
BENJAMIN MILLER VAN SYCKEL,	Newark,	Newark.
WILLIAM VAUGHAN,	Strong, Me.,	52 Hertzog Hall.
NATHANIEL W. VOORHEES, JR.,	Clinton,	114 New St.
FREDERICK WEIGEL,	New Brunswick,	214 Burnet St.
JOHN HENRY WEIR,	New Brunswick,	Richardson St.
JOSEPH WOLFSON,	New Brunswick,	242 Burnet St.
ASA ZABRISKIE,	Ridgewood,	43 Paterson St.
GILLIAM A. ZABRISKIE,	Ridgewood,	43 Paterson St.

Freshman Class.

Scientific Section.

NAMES.	RESIDENCES.	ROOMS.
FRANKLIN AVERY CHAPMAN,	Madison,	75 Bayard St.
JOHN TRUMBULL MARSHALL,	Metuchen,	Metuchen.
THOMAS ELY SCHANCK,	Freehold,	67 Church St.
WILLIAM DAVIS SCHOONMAKER,	Stone Ridge, N. Y.,	3 College Ave.
THEODORE VAN DEVENTER,	New Brunswick,	84 Somerset St.
WILLIAM S. VAN NORTWICK,	New Brunswick,	26 George St.
CHARLES STRONG VAN NUIS,	New Brunswick,	Voorhees Station.
HENRY VROOM, JR.,	New Brunswick,	124 George St.

Recapitulation.

NEW JERSEY,	106
NEW YORK,	44
CONNECTICUT,	2
ILLINOIS,	1
IOWA,	1
MAINE,	2
PENNSYLVANIA,	1
ENGLAND,	1
INDIA,	1
JAPAN,	2
TOTAL,	161

Summary.

Classical Department.

SENIORS,	17
JUNIORS,	25
SOPHOMORES,	38
FRESHMEN,	40

Scientific Department.

SENIORS,	13
JUNIORS,	8
SOPHOMORES,	12
FRESHMEN,	8
TOTAL IN COLLEGE,	161

Classical Department.

Faculty.

Rev. William H. Campbell, D.D., LL. D., President.
Professor Cook, Chemistry, and Natural History.
Professor Reiley, Latin.
Professor Doolittle, Rhetoric, Logic, and Mental Philosophy.
Professor Cooper, Greek.
Professor Atherton, History, Political Economy, and Constitutional Law.
Professor Meyer, French and German.
Professor Van Dyck, Analytical Chemistry.
Professor Bowser, Mathematics, and Engineering.
Professor Hasbrouck, Adjunct Professor of Mathematics, and Graphics.
Professor Rockwood, Mathematics, and Natural Philosophy.
Henry Prentiss Armsby, Assistant to the Professor of Chemistry.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to the College will be held on Friday and Saturday before Commencement, (June 15th and 16th,) beginning at 9 o'clock A.M., in the President's room. All who can do so are desired to present themselves on Friday. Applicants for admission may also be examined on Thursday, September 20th, at the same hour and place.

Candidates for advanced classes must sustain a satisfactory examination upon the subjects previously studied by the class which they propose to enter, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the Collegiate year.

Students who desire to pursue selected branches of study may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following, or a full equivalent, are the requirements for admission to the Freshman Class:

LATIN.—Andrews and Stoddard's or Harkness' Grammar; Fischer's Manual of Latin Grammar and Composition—First Part; Cæsar's Gallic War; Two Books of Virgil's Æneid or Ovid's Metamorphoses. On and after 1878 six books of the Æneid; Cicero's Orations against Catiline, on the Manilian Law, for the Poet Archias, and for King Deiotarus.

GREEK.—Hadley's Greek Grammar, including Prosody; Xenophon's Anabasis—three books; Arnold's First Greek Book, entire; Homer's Iliad or Odyssey—one book. On and after 1878 three books of the Iliad and twenty sections of Arnold's Greek Prose Composition, or its equivalent.

ENGLISH AND MATHEMATICS.—Arithmetic complete, including the Metric system; Algebra, to Quadratic Equations; Plane Geometry—three books; Ancient and Modern Geography; English Grammar and Spelling; History of the United States.

2. Suggestions in regard to Preparation.

LATIN.—In preparing in Latin the student should give more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of the moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Fischer's Elements of Latin Grammar and Reader should be used in preparation as the best book to give thorough instruction in the elements of Latin.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Roman, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATIONS.—The examination is conducted in writing.

GREEK.—The examination will be: I. In Hadley's Grammar. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including accent and quantity.

II. In Arnold's First Greek Book. The whole of this is required.

III. In pronunciation the accent must be followed in prose; but in poetry, regard will be had only to quantity.

While Arnold's First Greek Book, Xenophon's Anabasis (three books), and Homer's Iliad (one book), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

MATHEMATICS.—Attention is especially called to the Metric System of Weights and Measures, a practical knowledge of which is indispensable, since it is *used* in the class-room.

In preparing in Mathematics the student should not only have a thorough knowledge of the subjects required, *but he should acquire a proficiency and readiness in the application of the principles, and to that end the solution of numerous and varied examples is earnestly recommended.* It is also desirable to cultivate habits of neatness and order in the presentation of work on the blackboard.

ENGLISH GRAMMAR AND GEOGRAPHY.—A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is also examined in spelling, reading and punctuation. Ancient Geography should be studied in connection with the Classical Authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

HISTORY.— Candidates for admission are examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation than to the particular book used.

3. Course of Instruction.

The COURSE OF INSTRUCTION occupies four years, with three terms or sessions in each year.

The following is a scheme of the studies of the course. This scheme is not always strictly followed, either in the order of studies or the use of the particular text-books named; but it furnishes an exhibit of the amount of work required of students during the four years, and may indicate to candidates for advanced standing the equivalents which will be accepted from them :—

Freshman Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Cicero de Amicitia; Fischer's Manual of Composition. 2. *Greek*—Homer's Odyssey (three books), Arnold's Greek Prose Composition. 3. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 4. *Natural History*—Dalton's Physiology; Lectures. 5. *Rhetoric*—Haven; Lectures.

SECOND TERM.

1. *Latin*—Livy; Fischer's Manual of Composition; Mythology (Eschenberg). 2. *Greek*—Lucian's Timon, and one Phillipic of Demosthenes; Arnold's Greek Prose Composition. 3. *Mathematics*—Loomis' Algebra completed; Loomis' Geometry, from Book IV. 4. *Natural History*—Zoology. 5. *English Literature*—Sprague's Masterpieces of English Literature; Shaw's Manual of English Literature. 6. *Elocution*—Lectures.

THIRD TERM.

1. *Latin*—Cicero de Officiis; Fischer's Manual of Composition. 2. *Greek*—Thucydides, Two Books; Arnold's Greek Prose Composition, complete. 3. *Mathematics*—Loomis' Geometry completed. 4. *Natural History*—Gray's Botany. 5. *English Literature*—Sprague's Masterpieces; Shaw's Manual of English Literature.

Sophomore Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Tacitus; Latin Composition. 2. *Greek*—Sophocles' Electra; Prose Composition—Boise's Greek Exercises; Lectures on Greek Literature. 3. *Mathematics*—Loomis' Conic Sections. 4. *Modern History*—Freeman's Outlines, with Written Essays.

SECOND TERM.

1. *Latin*—Plautus; Horace; Latin Composition. 2. *Greek*—Demosthenes on the Crown, Tyler or D'Ooge; Boise's Greek Exercises; Lectures on Numismatics, with Illustrations. 3. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 4. *Modern History*—Freeman's Outlines with Written Essays.

THIRD TERM.

1. *Latin*—Juvenal Quintilian; Latin Composition. 2. *Greek*—Aristophanes' Birds; Boise's Greek Exercises completed; Greek Antiquities; Lectures on the History and Deciphering of Manuscripts, with Illustrations. 3. *Mathematics*—Land Surveying with Field Practice. 4. *Constitutional History of England*—Creasy.

Junior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mathematics*—Loomis' Analytical Geometry. 3. *Analytical Chemistry*—Laboratory Practice.

SECOND TERM.

1. *Natural Philosophy*—Snell's Olmsted. 2. *Chemistry*—Lectures on Inorganic Chemistry and Mineralogy. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy, and Hamilton's Metaphysics; Lectures. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Plato's Phædo, Wagner's edition; Wilkin's Manual of Composition. 2. *Mathematics*—Calculus. 3. *Analytical Chemistry*—Laboratory Practice.

THIRD TERM.

1. *Astronomy*—Ray's. 2. *Chemistry*—Lectures. 3. *History of Civilization*—Guizot. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mechanics*—Smith's Analytical Mechanics. 3. *Analytical Chemistry.* Laboratory Practice.

Senior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Chemistry*—Lectures on Organic Chemistry. 2. *Political Economy*—Bowen, and Perry; Lectures. 3. *Moral Philosophy*—Calderwood's Handbook; Lectures. 4. *Elective Studies*—One of which is to be pur-

sued. 1. *Greek*—Buckholz' Anthology; Traudelenberg's Elements Logices Aristoteleæ; Wilkin's Manual of Composition. 2. *Astronomy*—With use of Instruments. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

SECOND TERM.

1. *Chemistry*—Lectures on Chemical Physics. 2. *International Law*—Woolsey; Lectures. 3. *Constitution of the United States*—Andrews. 4. *Moral Philosophy*—Butler's Analogy. 5. *Elective Studies*—One of which is to be pursued. 1. *Latin*. 2. *Geodesy*—Lectures. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

THIRD TERM.

1. *Geology*—Lectures. 2. *Architecture*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Logic*—Thompson's Outlines; Lectures. 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Porphyry's Isagoge and Aristotelis Categoriæ; Lectures on the Organon. 2. *Modern Languages*—German. 3. *Analytical Chemistry*—Laboratory Practice. 4. *Hebrew*—Extra.

4. Remarks on the Course of Study.

In the above schedule all the studies up to the close of the Sophomore year are obligatory, and are intended to be of such a character as will be equally desirable whatever subsequent profession or career is chosen. During the Junior and Senior years some subjects are required of all regular students, while several others are made elective, one at least of which must be pursued.

LANGUAGES.

Latin—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with a rhetorical and a philosophical treatise. Exercises in Latin Composition are continually required of the student.

GREEK LANGUAGE AND LITERATURE.

Greek—The Classical Greek authors are read during the entire Freshman and Sophomore years, one term of the Junior, and two terms of the Senior year. The course is intended to embrace at least one complete treatise from a leading author belonging to each period, from Homer to

Lucian. And while the amount read is distinctly indicated by the Catalogue, it is the purpose to vary the authors, or portions from the same author, every year. Term Examinations are entirely in writing. They are from printed slips, different for each pupil, containing the passages for translation, with accompanying questions. Promising students are encouraged to take special courses of study, in addition to the regular class work; and private instruction, supplemented by an efficient Library, is constantly given without charge. Assistance is also offered in Chaldee, Arabic and Sanskrit. The following books of reference are recommended: Smith's Classical Dictionaries, 6 vols.; Jelf's Greek Grammar; Becker's Charicles; Liddell and Scott's *Lexicon*, 6th Oxford Edition.

English Language and Literature.—These subjects are taught by a text-book, in connection with a course of lectures which are delivered to the Freshman Class.

French and German are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors. The Seniors have frequent practice in German conversational exercises.

Hebrew.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Conic Sections. Higher Mathematics, including Differential and Integral Calculus, Analytical and Descriptive Geometry, are optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is mainly by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations. In the Junior and Senior years practice in the Chemical Laboratory is one of the elective studies.

RHETORIC AND METAPHYSICS.

Elocution.—During the Freshman year lectures are delivered on the general principles of Elocution, and a practical application of these prin-

ciples is made by the appropriate exercises in Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

Rhetoric is begun in the first term of the Freshman year, in order that the students may derive as much benefit as possible from the practice of composition under the light of its principles. Essays are required throughout the entire course.

Mental Philosophy.—Porter's Elements of Intellectual Philosophy and Hamilton's Metaphysics, are the guide books in this department. But neither is implicitly followed. As opportunity offers, lectures upon important topics are interspersed through the course.

Lectures.—A course of lectures on the chief representative thinkers in the different schools of Metaphysics is delivered to the Seniors during the last term of the course.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

The scheme of studies in this department includes an outline sketch of Modern History, beginning with the downfall of the Roman Empire and tracing the formation and growth of modern states; a view of the philosophy of history as given by Guizot; and a study of the leading principles of Political Economy, Constitutional Law (with special reference to the Constitutions of Great Britain and the United States) and International Law. Instruction is given by text-books, lectures and conversational discussions. The following, among others, are recommended to students as books of reference: Hallam, and Stubbs, on the English Constitution; the Federalist, Story, Kent, Jameson, Curtis, and Van Holst, on the Constitution of the United States; Kent, Woolsey, Wheaton, and Phillemore, on International Law; Adam Smith (Roger's edition), Mill, Fawcett, Cairnes, and Carey, on Political Economy. These studies begin in the Sophomore year and are continued during portions of the two following years.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

Scientific Department.

Rutgers Scientific School.

By Act of the Legislature constituted the STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS.

(APPOINTED BY THE GOVERNOR.)

	RESIDENCES.	TERMS EXPIRE.
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Faculty.

Rev. WILLIAM H. CAMPBELL, D.D., LL.D., President.
Professor COOK, Chemistry, Natural History, and Agriculture.
Professor DOOLITTLE, Rhetoric, and Mental Philosophy.
Professor SMOCK, Mining and Metallurgy.
Professor ATHERTON, History, Political Economy, and Constitutional Law; and Military Superintendent.
Professor MEYER, Modern Languages.
Professor VAN DYCK, Analytical Chemistry.
Professor BOWSER, Mathematics and Engineering.
Professor HASBROUCK, Mathematics, and Draughting.
Professor ROCKWOOD, Natural Philosophy.

1. Conditions of Admission.

Every applicant for admission must be sixteen years of age and must submit to the President proper testimonials of a good moral character. If an applicant for a State Scholarship, he must also present to the President a certificate of appointment from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz.: on the Friday and Saturday preceding Commencement, June 15th and 16th, beginning at 9 o'clock, A.M., in the President's room. Applicants for admission may also be examined on Thursday, September 20th, at the same hour and place.

Students may enter an advanced class either at the beginning of the College year or at other times, on condition that they sustain a satisfactory examination both on the preliminary studies and on those already passed over by the class which they propose to enter.

Provision is made for such students as wish to devote themselves to special subjects, if they are prepared to go on profitably with the regular classes in those subjects.

The following are the subjects on which those desiring to enter the Freshman class of the Scientific Department are examined. As they are all such as can be acquired in our best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete. 2. Algebra, to Quadratic Equations. 3. Plane Geometry—three books. 4. English Grammar—including spelling. 5. Descriptive Geography. 6. Physical Geography. 7. History of the United States.

In preparing the student for this course, it is recommended that he be drilled thoroughly in Arithmetic, as a clear understanding of its simple

elementary, and practical principles is essential to a good Mathematician. His preparation in the beginning of Algebra also should be as complete. In addition to learning the PRINCIPLES of the science he must fix them in his mind, and learn their bearing and utility, and for this reason he must pay great attention to the solution of practical examples. What is needed is ability to solve ordinary examples with facility and explain them thoroughly.

Attention is especially called to the Metric System of Weights and Measures, a practical knowledge of which is indispensable, since it is *used* in the class-room.

2. Courses of Study.

Three distinct courses of study are included in the Schedule which follows:

I. A COURSE IN CIVIL ENGINEERING AND MECHANICS.

II. A COURSE IN CHEMISTRY AND AGRICULTURE.

III. A SPECIAL COURSE IN CHEMISTRY.

During the first and second years the studies of the two full courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches in either.

During the last two years the subjects of Higher Mathematics, Mechanics and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory, and Agriculture, in the other. The remaining subjects are pursued by the students of both courses together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is especially designed to meet the wants of those who cannot take the entire four years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course, receive from the Faculty a certificate of their attainments.

Students in this Department have daily practice in Draughting, with exercises and problems in Geometrical Constructions, in Descriptive Geometry, Topographical, Mechanical and Architectural Drawing, and in Graphical Statics. At present, several students who have acquired sufficient skill obtain positions as draughtsmen in various offices in the City.

SPECIAL STUDENTS are received, and allowed to take any part of the above course, provided their previous education is sufficient; and particular provision is made for them, especially in the Laboratory, in Mathematics, Surveying and Draughting.

THE SPECIAL COURSE in Chemistry and Agriculture, occupying two years, is designed for those who wish to devote themselves exclusively to these branches. Opportunities of a very superior character are afforded to such students under the charge of Professors Cook and Van Dyck, in the new Laboratory building.

SPECIAL PROVISION IS ALSO MADE FOR STUDENTS WHO DESIRE, AFTER COMPLETING THE REGULAR COURSE OF STUDY, TO TAKE POST-GRADUATE STUDIES.

In connection with the instruction in Agriculture in this Department, the Trustees maintain an extensive model farm, designed to illustrate the principles of agriculture, and also to test by experiment the value of different systems. It is under the charge of the Professor of Agriculture, and *every Wednesday* during term time will be devoted to giving upon the farm explanations of the experiments and their results, to the students in agriculture, as well as to any farmers who may desire to avail themselves of this privilege.

In accordance with the requirements of the Law, the students in this Department are drilled in Military Tactics by the Military Superintendent. Arms and accoutrements for this purpose are furnished by the Quarter-Master General of the State.

3. Organization.

This department of the College has been designated by the Legislature of New-Jersey, in accordance with the law of Congress:

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

Under this law a certain number of students from the State of New-Jersey are received into this department of the College and educated free of expense for tuition. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent of Schools in each county. They are distributed among the counties in proportion to their population as follows:

STATE SCHOLARSHIPS.

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		
			40

Courses of Study.

Freshman Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *French.* 2. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 3. *Natural History*—Dalton's Physiology; Lectures. 4. *Rhetoric*—Haven; Lectures. 5. *Draughting*—Construction of Problems.

SECOND TERM.

1. *French.* 2. *Mathematics*—Loomis' Geometry, from Book IV. 3. *Natural History*—Zoology; Lectures. 4. *Elocution*—Lectures. 5. *English Literature*—Sprague's Masterpieces of English Literature. 6. *Draughting.*

THIRD TERM.

1. *French.* 2. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 3. *Natural History*—Gray's Botany; Lectures. 4. *English Literature*—Sprague's Masterpieces; Lectures. 5. *Draughting.*

Sophomore Year.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Surveying*—Murray's Manual; Field Exercises and Mapping. 2. *Descriptive Geometry*—Church. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 5. *History*—Freeman's Outlines. *Draughting.*

SECOND TERM.

1. *Descriptive Geometry*—Church; Construction of Problems; Navigation and Railroad Curves. 2. *Chemistry*—Lectures. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 4. *History*—Freeman's Outlines. *Draughting.*

THIRD TERM.

1. *Leveling and Railroad Curves*—Henck's Field Book; Field Practice, and Plotting. 2. *Shades, Shadows and Perspective*—Church; Construction of Problems. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Lectures. 5. *History*—Creasy's Constitutional History of England. *Draughting.*

Junior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Analytical Geometry*—Olney. 3. *Natural Philosophy*—Snell's Olmsted. 4. *History of Civilization*—Guizot. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting.*

SECOND TERM.

1. *German.* 2. *Analytical Geometry, completed; Differential and Integral Calculus*—Olney. 3. *Natural Philosophy*—Snell's Olmsted. 4. *Political Economy*—Bowen, and Perry. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting.*

THIRD TERM.

1. *German.* 2. *Calculus completed.* 3. *Astronomy*—Ray. 4. *International Law*—Woolsey. 5. *Draughting.*

Junior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Mineralogy and Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures at the Farm. 4. *Natural Philosophy*—Snell's Olmsted. 5. *History of Civilization*—Guizot. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 7. *Draughting.*

SECOND TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures. 4. *Natural Philosophy*—Snell's Olmsted. 5. *Political Economy*—Bowen, and Perry. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 7. *Draughting.*

THIRD TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Vegetable Physiology. 4. *International Law*—Woolsey. 5. *Draughting.*

Senior Year.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Mechanics*—Tate, or Wood. 2. *Engineering*—Mahan. 3. *Chemistry*—Lectures on Organic Chemistry 4. *Moral Philosophy*—Calderwood's Handbook. 5. *Draughting.*

SECOND TERM.

1. *Engineering*—Mahan. 2. *Mechanics*—Tate, or Wood, Bridge Building; Intermediate Analysis. 3. *Chemistry*—Lectures on Chemical Physics. 4. *Moral Philosophy*—Butler's Analogy. 5. *Draughting.*

THIRD TERM.

1. *Engineering*—Bridge Building and Railway Practice; Geodesy. Stone Cutting. 2. *Architecture*—Lectures. 3. *Geology*—Lectures. 4. *Moral Philosophy*—Butler's Analogy. 5. *Draughting.*

Senior Year.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Mining and Metallurgy.* 2. *Chemistry* and *Principles of Agriculture*—Lectures. 3. *Laboratory Practice.* 4. *Moral Philosophy*—Calderwood's Handbook. 5. *Draughting.*

SECOND TERM.

1. *Agriculture*—Its Methods and Products. 2. *Chemistry*—Lectures on Chemical Physics. 3. *Laboratory Practice.* 4. *Moral Philosophy*—Butler's Analogy. 5. *Draughting.*

THIRD TERM.

1. *Agriculture*—Animal Physiology; Care and Management of Domestic Animals. 2. *Architecture*—Lectures. 3. *Geology*—Lectures. 4. *Moral Philosophy*—Butler's Analogy. 5. *Draughting.*

Special Course in Chemistry.

FIRST YEAR.

FIRST TERM—1. *Elements of Chemistry*—Text-book and Lectures. 2. *Blowpipe Analysis.* 3. *Elements of Mineralogy.*

SECOND TERM—1. *Physics and Chemistry*—Text-book and Lectures. *Chemical Analysis*—Qualitative.

THIRD TERM—1. *Chemical Analysis*—Qualitative and Quantitative. 2. *Vegetable Physiology.*

SECOND YEAR.

FIRST TERM—1. *Chemical Analysis*—Analysis of Minerals, Ores, &c. 2. *Mineralogy*—Determinative.

SECOND TERM—1. *Chemical Physics*—Heat, Electricity, Magnetism, Galvanism and Electro-Magnetism—Text-book and Lectures. 2. *Analysis of Fertilizers and Chemical Products.*

THIRD TERM—1. *Lectures on Geology.* 2. *Chemical Analysis*—Special Investigations.

Examinations.

The classes in both departments are examined at the close of each term. The examinations are partly oral and partly written, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms, the examinations of the classes of the Scientific Section are held in the presence of the Board of Visitors, who then make their semi-annual visits to the institution.

At the end of the third term, each member of the Graduating Class of the Scientific Section is required to present a thesis on some scientific subject, a copy of which is to be written out upon paper suitable for binding, and deposited in the College Library.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

Graduation.

To all members of the Graduating Class of the Classical Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Class, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commencement.

1. The privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific Sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.

SECOND HONOR—English Salutatory.

THIRD HONOR—Philosophical Oration.

FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *Rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided, that he must have been a member of his class for two years, and have a general grade in scholarship among the best two-thirds.

4. Eleven other speakers shall be chosen, of whom six shall be chosen by grade in scholarship, provided, that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and five shall be chosen by grade in composition and elocution during their Junior and Senior years, provided, that in their general grade in scholarship they be among the best two-thirds.

Post Graduate Studies.

Provision is made for post-graduate courses of study in the following departments:

1. Moral Philosophy and the Evidences of Christianity.

Instruction in this department will consist of the History of Ancient and Modern Moral Philosophy, and the critical study of different systems from original sources.

2. Metaphysics.

In this department the student will pursue a selected course in Ueberweg's History of Philosophy, and in other authors, with the view especially of acquainting himself with the distinctive opinions and influence of the chief representative thinkers of the various schools of philosophy.

3. Geology and Chemistry.

In Chemistry students can pursue special studies and investigations in the Analytical Laboratory, under the direction of a professor, upon subjects connected with industrial or professional life.

In Geology and Natural History, the large collections in Geological Hall, are available for extended courses of study, and can be used under the direction of a professor for special study in Geology, Mining, Metallurgy, and the various branches of Engineering.

In Agriculture the well equipped farm and laboratories give unusual opportunities for advanced studies in this department, and every facility is afforded for their use.

4. Mathematics.

Instruction will be given in any of the following subjects: Geodesy, with practice; Higher Mathematics (pure); Theoretical and Practical Astronomy; the use of Physical Apparatus.

5. Greek Language and Literature.

Instruction will be given in Aristotle's Organon, and other advanced Greek authors, accompanied with a study of the Comparative Grammar of the Indo-Germanic Languages as bearing on Greek.

6. Modern Languages.

The course will include Lectures on French Literature; Lectures on German Literature; Lectures on German Etymology, on German Mythology, and on the Phonology and Morphology of the Indo-Germanic Languages, as bearing on German.

7. Political and Social Science.

In this department provision is made for instruction in an Advanced Course in Political Economy; in the Constitutional History and Jurisprudence of the United States; in the History of the English Constitution; and in the elements of Roman Law.

These subjects, according to the choice of students, will be arranged in courses of one, two, or three years. Students completing a full course of two years, in any two of the departments, will be entitled to the degree of Bachelor of Philosophy. Students completing a full course of three years, in any three of the departments will be entitled to the degree of Doctor of Philosophy.

Regulations.

1. Morning Prayers are attended in the College Chapel each morning, except Sunday, at 8.40 o'clock.
2. The recitation hours extend from 9 o'clock A. M., to 1 o'clock P. M, during five days of the week.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon and evening, at such places as their parents or guardians may direct.

5. No student is allowed to leave the city during term time without permission from his Division Officer.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking-saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at Examination counts as much as one-third of the term.
9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one half of the maximum grade in all his studies, he shall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.
13. When a student has received eight marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received eight more marks of like character, a second notice shall be sent to the parent, and the student admonished by the President. When twenty-four are recorded against him, he shall be suspended or dismissed from the College.
14. Absences or tardinesses, for which excuse is not rendered by the student within one week, are entered as unexcused.
15. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures; provided, that in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may, at their discretion, grant an extension of time for making up the omitted work.

The above privilege of making up omitted recitations does not extend to absences at the beginning of the term, previous to the student's entering upon his College duties.

College Expenses.

FEES.

Tuition, per annum, - - - - - - - - - -	$75 00
Incidentals—Janitor, fuel, &c., per annum, - - -	8 00
Reading Room, per annum, - - - - - - - -	2 00
Admission Fee, - - - - - - - - - - - -	5 00
Graduation Fee, - - - - - - - - - - - -	7 50

Damages are in all cases chargeable to the persons committing them.

Of the above expenses, the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees, one-third, viz., $25, is payable within ten days after the beginning of each term.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus. They are also expected to provide themselves, at their own expense, with certain necessary sets of apparatus. These sets are to be retained throughout the course, but at the end of the course, if the owners do not wish to retain them, they will be purchased at a fair price. If proper care has been exercised, a small discount only from the original cost will be made.

BOARD.

Board, with furnished rooms, can be obtained in New Brunswick at the present time for $4 to 7 per week; board without rooms for $3.50 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz: at an expense of $4 per annum, payable one-half at the beginning of the first term, and one-half at the beginning of the second term. The rooms are heated and lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs, students are able to reduce somewhat their expenses for board.

Beneficiary Aid.

1. Van Benschoten Fund.

This Fund, the gift of Rev. Elias Van Benschoten, in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

The late William P. Smock, of Marlboro, N. J., left by his will, to the Trustees of Rutgers College, the sum of $500, to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of the late William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

The late Abraham Voorhees, of Six-Mile-Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., 34 Vesey street, New York.

8. Rooms for Students.

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

The Trustees have resolved to proceed at once with the work of providing a Dormitory to furnish rooms for students. As soon as the necessary funds are secured the building will be begun.

Prizes and Honors.

All prizes and honors are open equally to members of the Classical and Scientific Departments, except in cases where prizes are specifically limited to one department by the donor. They are as follows:

1. Suydam Prize for Composition.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on the subject assigned to the class by the Professor of Rhetoric. Competitors must hand in their compositions on or before April 15th. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1877: "The Relation of Art to Morality."

Committee: Rev. W. J. R. Taylor, D.D.,
A. V. Schenck, Esq.,
Rev. E. Tanjore Corwin, D.D.

2. Suydam Prize in Natural Science.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of Studies) to be selected by the Classical Professors, and to be announced in the Chapel at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College.

Subject for the Essay for 1877: "The Satire of the Romans."

Subject for Examination for 1877: "The Satires of Horace."

4. Bradley's Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the second term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M. D., of Newark, in the name of his son, Adjutant Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number the committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

6. T. S. Doolittle Prize for Composition.

This prize consists of $25, and is to be given to the member of the Junior Class who shall write the best English composition on a subject assigned to the class by the Professor of Rhetoric. Competitors must hand in their compositions on or before May 10th. The student to whom the prize is awarded, must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1877: "Attention—its cultivation and fruits."

Committee: M. H. Bright, Esq.,
Rev. James LeFevre,
Rev. U. D. Gulick.

7. Tunis Quick Prize in Spelling and English Grammar.

This prize, the gift of P. Vanderbilt Spader, Esq., of New Brunswick, is the income of $300, at 7 per centum, and is to be presented to that member of the Freshman Class, Classical or Scientific, who shall pass the best examination in Spelling and English Grammar.

The examination is to be conducted in writing by the Professor of English Literature, at as early a day as convenient in the second College term, and under such regulations as the Faculty may from time to time establish.

The prize may be withheld from any or all papers offered, either for want of merit or for failure of proper competition. In case the prize be not awarded in any year, it is to be offered one year later to the members of the same class, on the same conditions as at first.

All regulations as to time, manner and conditions of awarding the prize are subject to change by the Board of Trustees.

8. Peter Spader Prizes in Modern History.

These prizes, the gift of P. Vanderbilt Spader, Esq., are two in number, the income of $400 and $300, respectively, at 7 per centum, and are awarded to those members of the Sophomore Class, Classical or Scientific, who present the best essays on some subject in Modern History, selected by the Professor of History, with the approval of the Faculty.

The subject is to be announced at the close of the Freshman year, and the competing essays are to be handed in on or before the third Monday in the third term of the Sophomore year.

The committee annually appointed by the Faculty, may decline to award these prizes, or either of them, for want of merit in the essays or for failure of proper competition. In case the prizes be not awarded in any year, they are to be offered one year later to the members of the same class, on the same conditions as at first.

Successful essays are to be copied on paper selected by the Faculty, and deposited in the College Library, before the writer receives his prize.

All regulations as to time, manner and conditions of awarding the prizes are subject to change by the Board of Trustees.

Subject for 1877: "Oliver Cromwell, and the Great Rebellion."

Committee: Rev. Thomas Nichols,
Rev. Thomas Devan, D.D.,
L. Laflin Kellogg, Esq.

9. Cook Prize for Mineralogy.

A prize consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the Graduating class of 1877, in the Scientific Department, who shall be able to identify and name the largest number of them, fifty being the minimum.

10. Appleton Memorial Prize in Moral Philosophy.

This prize was founded by a gift of $500, from Rev. Samuel E. Appleton in the name of his mother, Mrs. Elizabeth Appleton. It consists of $35—the interest of the above sum, and will be given to the member of the Senior Class who shall pass the best examination in Moral Philosophy.

Committee for 1877: Rev. A. B. Van Zandt, D.D.,
Rev. Edward Wilson.
Rev. John L. See, D.D.

11. William Wilson Prize in Mental Philosophy.

This prize consists of $25, given by Rev. F. F. Wilson, and Rev. P. Q. Wilson, in honor of their father, Captain William Wilson, of the New Jersey State Militia. It will be open to competition for students in both the Classical and Scientific Sections who are pursuing the study of Mental Philosophy, and will be bestowed on the one who shall pass the best examination on some work assigned by the Professor of Metaphysics.

Work for 1877: Berkeley's Principles of Human Knowledge, edited by Rev. Charles P. Krauth, D.D.

12. Wm. H. Van Doren Prize for the best Essay on Christian Missions.

This prize consists of $30, the gift of Rev. William H. Van Doren, D.D. It is open to competition for members of the Senior and Junior Classes in both Sections; and for members of the Theological Seminary.

Committee for 1877: Rev. L. H. Van Dyck,
Rev. Charles H. Pool,
Rev. Alexander McWilliam.

13. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philocean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons, of whom one is chosen by each Society, and a third by the Faculty, and is based upon relative excellence as writers and speakers.

14. Reports of Scholarship.

At the close of each term reports of the scholarship maintained during the term in each subject are made up from the records, and transmitted to the parents or guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty, is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

Library and Museum.

1. Library.

The Library of the College is open for consultation at stated times during each term. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past four years, and no effort will be spared to make it what the Institution requires. Donations to this object, either in money or books, are earnestly solicited.

By the gift of a permanent fund of $1,000 from James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities, and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms are provided in the new Geological Hall for the proper preservation and display of such specimens. By the kindness of numerous friends, suitable cases have been provided to receive the collections which the College already possesses, and they are now being arranged as rapidly as circumstances will allow.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. The arrangements for these departments in the building recently erected are of the most ample and convenient description.

Wants of the College.

One of the pressing wants of the College has been supplied by the erection of the new Kirkpatrick Memorial Chapel, which was dedicated on the 3d of December, 1873. But the growth of the Institution and the demand for greater facilities for education are creating others which appeal imperatively to the friends of the College.

1. Professors' Salaries.

It is absolutely indispensable to the future prosperity of the Institution, that the Professors receive such an increase of salary that they can devote themselves wholly to the interests of the College, without the necessity of doing outside work in order to live.

Will not the thoughtful friends of the College take this matter into serious consideration?

2. Dormitories.

The high price of board and the difficulty of providing suitable accommodations for so large a body of students, render indispensable a building for students' rooms. The Trustees present this subject to the patrons of the College and earnestly solicit the means, not less than $85,000, to erect at once a building. It is believed that this would reduce the cost of education at Rutgers College fully one-third.

3. Library Fund.

A large present addition of books is essential to the progress of the Institution. A permanent fund is also wanted from the income of which to make yearly additions to the library and to bind up and keep in order what has been accumulated.

4. The General Funds.

The funds for some general purposes of the College require a large increase: *First*, to make suitable provision for the care of grounds and buildings: *Second*, to make each year fresh additions to the supply of working apparatus in every department, Maps, Charts, Models, Drawings, Casts, &c. A fund that could be used for these and similar specific objects would greatly increase the working efficiency of the Institution.

Register.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, *Feb.* 22, 1876.

LIST OF CONTESTANTS AND PRIZE MEN.

CORTLANDT PARKER, JR., Newark, *First Prize.*
FREDERICK J. COLLIER, Hudson, N. Y., *Second Prize.*

JOHN G. DORRANCE, Freehold,
J. H. MCLEAN, Freehold,
HARRY M. ORNE, New Brunswick,
JOHN L. SENIOR, Montgomery, N.Y.,
EGBERT TEARS, Shawangunk, N.Y.,
JOHN VANDERPOEL, Albany, N.Y.

2. Junior Exhibition.

ORATORS FOR 1876.

Philoclean Society.	*Psithessophian Society.*
H. M. T. BEEKMAN, North Branch,	G. M. TAYLOR, Holmdel,
A. S. BRINKERHOFF, Wood Ridge,	W. H. VAN STEENBERG, Rhinebeck,
W. L. SKINKLE, Newark,	W. R. WHITEHEAD, Trenton,
L. R. VREDENBURGH, Springfield, Ill.	S. M. WOODBRIDGE, New Brunswick.

3. Graduating Exercises, JUNE 21, 1876.

HONORS.

WILLIAM R. TAYLOR, Newark,* *Latin Salutatory*—First Honor.
F. M. VOORHEES, Clinton, *English Salutatory*—Second Honor.
CARLTON B. PIERCE, New Brunswick, *Philosophical Oration*—Third Honor.
T. H. WALSER, New Brighton, N.Y., *Scientific Oration*—Fourth Honor.
WILLIAM R. TAYLOR, Newark, *Valedictory Oration*, Rhetorical Honor.

ORATIONS.

HENRY M. COX, New Brunswick,
EDWARD H. DURYEE, Newark,
HAYDN CLARK KELLY, N. Brunswick,
J. EDWARD LYALL, Hudson, N.Y.,
P. H. MILLIKEN, Bloomingburgh, N.Y.,
ALBERT D. MINOR, Port Jackson, N.Y.,
GEORGE L. NEVIUS, New Brunswick,
BERGEN B. STAATS, Middlebush,
PAUL F. SUTPHEN, New Brunswick,
JOHN S. VOORHEES, New Brunswick,
HARRY W. WINFIELD, Greenville.

MASTER'S ORATION.

FREDERICK E. ALLEN, Madison.†

*Excused.

†Mr. Allen prepared his oration, but was prevented by sickness from delivering it.

PRIZES AWARDED.

Brodhead Prize for Classics, (1st),	F. M. Voorhees.
Cooper Prize for Classics (2d),	H. W. Winfield. H. C. Kelly.
Suydam Prize for Natural Science,	C. B. Pierce.
Suydam Prize for Composition,	H. M. Cox. B. B. Staats.
Bradley Prize for Mathematics,	C. B. Pierce.
Van Doren Prize for Missions,	J. E. Lyall.
Appleton Prize for Moral Philosophy,	F. M. Voorhees.
Bowser Prize for best Thesis,	G. W. Kuehkle.
Doolittle Prize for Composition,	E. A. Reiley.
William Wilson Prize for Mental Philosophy,	G. Z. Snider.
Myron W. Smith Prize for Declamation (1st),	C. Parker, Jr.
Myron W. Smith Prize for Declamation (2),	F. J. Collier.
Peter Spader Prize (1st) in Modern History,	N. F. Elmendorf.
Peter Spader Prize (2d) in Modern History,	F. J. Collier.
Tunis Quick Prize for Grammar,	C. Crosby.
Tunis Quick Prize for Spelling,	C. S. Davison.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James Le Fevre.
1855—Isaac L. Kipp.
1856—George V. N. Baldwin. Silas D. Scudder.
1857—James W. Schermerhorn. Benjamin C. Sears.
1858—Robert O. Currie, Jr.
1859—T. Sandford Doolittle.
1860—Dupuytren Vermilye.
1861—William P. Mesick.
1862—Francis A. Horton.
1863—William Smith.
1864—William H. Leupp, Jr.
1865—William DeHart.
1866—John G. Van Slyke.
1867—Peter L. Van Derveer.
1868—Vernon B. Carroll.
1869—William E. Griffis.
1870—R. Augustus Pearse.
1871—John W. Conklin.
1872—George H. Large.
1873—Fred. E. Allen.
1874—Howard N. Fuller.
1875—W. F. Anderson.
1876—H. M. Cox. B. B. Staats.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.
1855—Milton A. Fowler.
1856—Josiah Jansen.
1857—D. Ten Broeck Reiley.
1858—John B. Drury.
1859—William Cornell.

1860—Dupuytren Vermilye.
1861————————
1862—Abram Q. Garretson.
1863—Joseph M. Dixon.
1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Van Derveer.
1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.
1871—Rodolph C. Oakley.
1872—Benjamin C. Miller, Jr.
1873—William W. Cook.
1874—William B. Berry.
1875—John H. Ackerman.
1876—C. B. Pierce.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
*1874 { E. Cutter. A. H. Strong,
1875—Thomas D. Swift.
1876—First prize—F. M. Voorhees.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.
1869—Martin Bahler.
1870—Alexander Johnson.
1871—Willard P. Voorhees.
1872 { George H. Stevens. Edward W. Strong.
1873—John DeWitt Peltz.
P. J. Fuller.
J. N. Wyckoff.

COOPER CLASSICAL PRIZE—(2d.)

1876 { H. W. Winfield. H. C. Kelly.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin C. Nevius.
1868—Edgar Benedict.
1869—Martin Bahler.
1870—Frederick A. Canfield.
1871—William N. Todd.
1872—William J. Leggett.
1873—Claudius Rockefeller.
1874—Amos Van Etten, Jr.
1875—W. F. Anderson.
1876—C. B. Pierce.

* Owing to the equal excellence of the competitors, the Cooper Prize of $25 was combined with the Brodhead Prize of $35, and equally divided.

MYRON W. SMITH PRIZES.

	First Prize.	*Second Prize.*
1866	Archibald Mercer.	Vernon Bond Carroll.
1867	John Talmage Van Cleef.	William Elliot Griffis.
1868	Willet Denike, Jr.	George R. Garretson.
1869	W. H. Lawrence.	C. F. Van Inwegen.
1870	William J. Leggett.	Benjamin C. Miller, Jr.
1871	Frederick E. Allen.	Madison N. Ball.
1872	Joseph R. Duryee.	John N. Wyckoff.
1873	John H. Salisbury.	Fred. W. Anderson.
1874	C. C. Van Deusen.	P. F. Sutphen.
1875	Henry Veghte.	Earl A. Holdridge.
1876	Cortlandt Parker, Jr.	Frederick J. Collier.

SCHERMERHORN PRIZE.

1867	Edward Cady Thomas.	1871—Benjamin C. Miller, Jr.
1868	William Eliott Griffis.	1872—William W. Cook.
1869	R. A. Pearse.	1873—Joseph R. Duryee.
1870	J. W. Conklin. / Haley Fisk, Jr.	

DOOLITTLE PRIZE.

1874—James Kemlo.	1875—Henry M. Cox.
1876—Edward Anderson Reiley.	

VAN DOREN PRIZE FOR MISSIONS.

1869	A. W. Benson. / W. J. Hill.	1873—George R. Dixon.
1870	Asher Anderson.	1874—Charles Davis.
1871	James C. Garretson.	1875—H. A. Hendrickson.
1872	W. W. Cook.	1876—J. E. Lyall.

COOK PRIZE FOR MINERALOGY.

1869—Joshua Doughty.	1873—Thomas B. Stillman.
1870—William Clark.	1874—W. B. Berry.
1871—James K. Barton.	1875—Robert A. Meeker.
1872—J. W. Herbert.	

MURRAY PRIZES FOR THESIS.

First Prize.	*Second Prize.*
1869—E. Sealy.	S. E. Bucknall.
1870—William Clark.	C. C. Haven, Jr.
1871—S. G. Gano.	J. A. Miller.
1872—A. S. Cook.	G. B. Ogden.
1873—E. Van Syckle, Jr.	T. B. Stillman.

BOWSER PRIZE FOR THESIS.

1875 { A. L. Titsworth,
H. V. Buttler.

1876—G. W. Kuehnle.

ATHERTON PRIZES FOR ESSAYS IN HISTORY.

First Prize.	*Second Prize.*	*Third Prize.*
1873—J. H. Salisbury.	F. W. Anderson.	C. L. D. Washburne.

Rev. JAMES CRUIKSHANK PRIZE FOR BEST ORATION AT COMMENCEMENT.

1878—Frederick E. Allen.

PETER SPADER PRIZES IN MODERN HISTORY.

First Prize.	*Second Prize.*
1874—Wm. A. Van Zandt.	{ C. B. Pierce. P. F. Sutphen.
1875—W. M. Stillman.	H. M. T. Beekman.
1876—N. F. Elmendorf.	F. J. Collier.

TUNIS QUICK PRIZE IN GRAMMAR AND SPELLING.

1874 { H. Veghte, Grammar.
W. M. Stillman, Spelling.

1875—Harry M. Orne.

1876 { C. Crosby, Grammar.
C. S. Davison, Spelling.

SMOCK BOTANY PRIZE.

1874—H. N. Johnson.

APPLETON MORAL PHILOSOPHY PRIZE.

1875—John H. Salisbury.

1876—F. M. Voorhees.

MASTER ORATORS.

1865—Rev. T. W. WELLS,	Class '62.	1871—V. R. WESTON, Esq.,	Class '68.
1866—JOS. M. DIXON, Esq.,	Class '63.	1872—J. T. VAN CLEEF, Esq.,	Class '69.
1867—H. R. CROSBY, Esq.,	Class '64.	1873—L. L. KELLOGG, Esq.,	Class 70.
1868—Rev. JOHN K. ALLEN,	Class '65.	1874—Rev. W. H. LAWRENCE,	Class 71.
1869—JOHN N. GAUT, Esq.,	Class '66.	1875—G. S. DURYEE, Esq.,	Class 72.
1870—WM. P. WILSON, Esq.,	Class '67.	1876—FRED. E. ALLEN,†	Class 73.

† Mr. Allen prepared his oration, but was prevented by sickness from delivering it.

5. Alumni Association.

OFFICERS FOR THE YEAR 1876–7.

Rev. Ransford Wells, D.D., - - -	President.
Garret S. Cannon, Esq., - - -	Vice Presidents.
Rev. James Chipchase, - - -	
Edward S. Vail, Esq., - - -	
Rev. John B. Alliger, - - -	
Robert Adrain, Esq., - - -	Secretary.
Henry R. Baldwin, M. D., - -	Treasurer.
Rev. David Cole, D.D., - - -	Biographer.
Rush Van Dyke, M. D., - -	Chairman of Standing Committee.
Hon. G. B. Adrain, - - -	Vice-Chair'n Standing Committee.

6. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1876–7.

Prof. G. W. ATHERTON, President. C. H. VOORHEES, M. D., Rec. Sec'y.
Prof. I. E. HASBROUCK, Vice-Pres't. Prof. F. C. VAN DYCK, Treasurer.
Prof. C. G. ROCKWOOD, Jr., Cor. Sec. Mr. J. H. SALISBURY, '75, Registrar.

MEMBERS ELECTED FROM THE CLASS OF 1876.

Henry M. Cox.	Peter H. Milliken.
E. H. Duryee.	Carlton B. Pierce.
Haydn C. Kelly.	William R. Taylor.
J. E. Lyall.	John S. Voorhees.
Foster McGowan Voorhees.	Theodore H. Walser.

James G. Sutphen, Class '75.†

The Vedder Lectures.

This Lectureship was founded by Mr. Nicholas F. Vedder, of Utica, by a gift of $10,000, on the following among other conditions: that the General Synod shou d "every year elect some member of the Reformed Church in America to deliver to the students of the Seminary and of Rutgers College at least five lectures on the present aspects of Modern Infidelity, including its cause and cure."

The first course was delivered in 1874 by the Rev. Isaac S. Hartley, D.D., of Utica; the second in 1875 by Prof. Tayler Lewis, LL.D., of Schenectady: the third in 1876 by Rev. Talbot W. Chambers, D.D., of New York City. The lecturer for this year is Rev. William R. Gordon, of Schraalenberg.

† This name was omitted in last Catalogue.

Grammar School.

PROF. DEWITT T. REILEY, A.M., RECTOR.

This School prepares boys for the Classical and Scientific departments of the College, for business, or affords a High School course.

It is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is within one block of the Railroad Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New-Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain in the building until the train starts. The *building* is large and commodious, well ventilated, with an abundance of room for recitation, drill, gymnastics, cabinets, etc., affording accommodation for two hundred students.

The following is a brief Schedule of the Classes and Studies:

PREPARATORY DEPARTMENT.

Reading; Spelling; Arithmetic, through Division; Grammar, Elementary; Geography, with map drawing; Botany; Writing, Drawing; Singing; Object Lessons; Composition; Declamation; Gymnastics.

Instruction in Natural Science, through Lectures by Rev. S. Lockwook, Ph.D. Boys finish this department when about twelve years of age.

GRAMMAR SCHOOL DEPARTMENT.

V. CLASS—Arithmetic, to addition of Fractions; Reading; Writing; Geography, Intermediate begun; Spelling; Grammar, Elementary; History of the United States; Vocal Music; Natural Science, by oral instruction.

VI. CLASS—Arithmetic, through Fractions and review; Reading; Writing; Geography, Intermediate finished; Spelling; Grammar, Elementary finished; Latin begun; History of the United States; Vocal Music; Natural Science, by oral instruction.

COLLEGE CLASSES.

III. Class—Arithmetic, through Interest; Latin Grammar and Reader begun; Composition, Fischer's Manual, First Book; German begun; Geography, Common School; History of the United States; Grammar; Natural History and Familiar Science by Lectures; Mental Arithmetic; Reading; Writing; Spelling.

II. Class—Arithmetic finished; Cæsar; Cicero begun; Fischer's Manual, Second Book; Greek Grammar and Lessons, and two books of the Anabasis; Grammar; History of England; Natural History and Technology by Lectures; German; Reading; Writing; Spelling.

I. Class—Latin: Cicero finished, Sallust's Catiline, Virgil, Fischer's Manual; Greek; Anabasis, three books finished, Iliad, three books; Algebra; Geometry; Review of Elementary Studies; Geology and Agricultural Zoology by Lectures.

BUSINESS CLASSES.

B Class—Arithmetic, through Interest; Mental Arithmetic; Book-keeping; History of the United States; Grammar; Geography, Common School; Natural History and Familiar Science by Lectures; German; Reading; Writing; Spelling.

A Class—Arithmetic finished; Algebra; Book-keeping; Commercial Law; History of England; Constitution of the United States; German; Natural Philosophy; Physiology; Natural History and Technology by Lectures; Grammar; Reading; Writing; Spelling.

HIGH SCHOOL CLASS.

H Class—Geometry; Algebra; English Literature and Rhetoric; Physical Geography; General History; Chemistry; Botany; Geology and Agricultural Zoology by Lectures; German.

Composition, Elocution, Gymnastics and Military Drill in all the classes. The studies in all the classes are compulsory, unless the student is excused by personal application of parents or guardians. The pupil usually remains in each class one year.

Scholars are received into the School at any time, and assigned to the class which they are qualified to enter. After leaving the Fourth Class, the scholar chooses the Business or Classical Course. In each there are three classes. At the end of the course the pupil is prepared to enter the Classical or Scientific department of the College.

CLASSICAL COURSE.—Latin is begun in the Fourth Class, and studied during the four years. Greek is studied during two years. *Young men*, however, who are able and diligent, can, by great effort, prepare for College in less time, and special provision and extra teachers are provided for such. No young man, however, should make the attempt unless absolutely compelled to do so. Moreover, attention to English studies, including the English Language, and lectures upon Technology and Natural History give variety to the education of the classical student.

THE BUSINESS COURSE.—This comprises two years in the A and B Classes. The instruction is intended to furnish the best practical knowledge of business that is possible in the time allowed. Book-keeping is taught throughout the course, continual practice being required in this, and the business forms. Commercial Law is given in the form of lectures. Commercial Arithmetic is taught with special regard to accuracy and rapidity. Algebra, History, Physiology, Constitution of the United States, Natural History, Natural Philosophy, and the German Language are parts of the course. A course of lectures on Technology familiarizes the student with the progress of the useful arts and inventions, and the meaning and use of scientific terms.

HIGH-SCHOOL COURSE.—The instruction will be in studies more general than in the Business Course. Geometry, Chemistry, Botany, Political Economy, German, English Language and Literature, and General History will be studied during this year. The students of this class will share in all the general exercises of the school, and will be fitted at the end of the year to enter the Scientific School.

PHYSICAL TRAINING.—This consists in Military Drill, Calisthenics, and Gymnastics.

GENERAL.—The best maps, charts and diagrams are used in the school. A cabinet of Geology and Natural History has been secured, and will be largely increased. The Rutgers College Cabinets of Natural History are also open to the students, and visits to them are made occasionally by each class, under the direction of a teacher of Natural History. A library of books of reference is being collected, and may be used by all. The school will accommodate two hundred students, whose condition, progress in study, etc., is made known to their parents by monthly reports.

PREPARATORY DEPARTMENT.—A Preparatory Department for boys from six to twelve years of age, is under the charge of a lady teacher. This department is entirely separate from the Grammar School. It is provided with models, maps and charts, and has the use of the Cabinet

of Natural History for object teaching. It has the benefit of the Gymnasium and Apparatus belonging to the Grammar School, and the other teachers are employed in it as far as necessary.

The object of this department is to give boys a systematic course of instruction from the beginning, and to prepare them to enter the regular classes of the Grammar School at the proper time.

NATURAL SCIENCE.—In answer to many inquiries in regard to this course, we would say that it has been adapted to the best of our ability to the requirements of the times and the necessities of the pupil. It is begun in the Preparatory department by teaching the facts and observations of natural phenomena. This is continued in the Grammar School in the study of familiar science, Zoology and Natural History, the most interesting things in the Vegetable and Mineral world, and the structure of the earth. To this is added the useful arts. This part of the course is entirely in the form of Lectures, illustrated by specimens. In the higher classes, brief text-books are used in some of the departments of Natural Science. Every attempt is made to encourage the taking of notes in the lowest classes.

The department is under the charge of Rev. S. LOCKWOOD, Ph.D., well known in this country as a Naturalist, and on both sides of the ocean as an original observer.

Attendance.

The hours of attendance are from 8.30 A. M. to 1.30 P. M. For absence, tardiness, or failure in recitation, *written* excuses are expected from parents or guardians.

Calendar.

First Quarter begins - - - - -	September 11th.
Second " " - - - - -	November 18th.
Third " " - - - -	February 1st.
Fourth " " - - - - -	April 10th.

Recess during Christmas week.

Terms for Day Pupils.

Preparatory Department, - -	$ 9	per quarter of ten weeks.
4th, 5th, and B Classes, -	13	" " " " "
A Class, - - - - -	14	" " " " "
H Class, - - - -	15	" " " " "
3d College, - - - -	16	" " " " "
1st and 2d College, - -	18	" " " " "

The tuition is to be paid at the beginning of each quarter. No deduction for absence, unless occasioned by protracted sickness, extending over half a quarter, when the loss will be shared equally between the parents and the School. Pupils will be charged from the time of entrance.

Boarding Pupils.

Connected with the School is a large and pleasantly situated dwelling, with eight acres of ground attached, under the immediate charge of the Rector.

Terms.—Board, Tuition, Fuel and Light, $100 per quarter of ten weeks. No extras, except for washing, attendance of a physician, and studies not in the regular course.

Each pupil must bring napkins, towels, bag for soiled clothes, napkin-ring, fork and spoon (plated), umbrella, overshoes. *All articles must be marked with the full name.* Payments made on the same conditions as by day scholars.

Damage to property will be repaired at the expense of the person committing it.

Necrology.

The following sketches are furnished of Trustees and Alumni who have died during the year 1876. With one exception, they were prepared by Rev. DAVID COLE, D.D., the biographer of the Alumni Association, who has for several years past kindly written the obituary notices for the Catalogue.

DAVID BISHOP, ESQ.

Mr. Bishop was a native, and during his whole life a resident, of New Brunswick. He was born in 1824, of exemplary Christian parents. He was prepared for Rutgers College at its Grammar School and under the care of Prof. James R. Ferguson, of Lockport, N.Y. He graduated in 1843, and was elected a Trustee of the College on the 16th of October, 1860. An heir of ample means and from early manhood an invalid, he never pursued active business, but lived in retirement at his mansion on the rising ground north of Hertzog Hall. Seclusion from business with him however was not inactivity. He was always a busy student, and grew up to be an intelligent thinker. And to secular culture, in due time he added genuine consecration to Christ, and practical interest in all the institutions and work of the church. His elegant leisure made him the very man for useful service in our institutions, at New Brunswick especially. A member of the Hertzog Hall Committee from the organization in 1869 till his death, to him was committed the supervision of the building and decorating work about the Seminary, and his faithful care and good taste appear in all the results of the Committee's planning and its execution. The Second Reformed Church of New Brunswick also owes to him the design of its edifice, and the manner in which that design was carried out. He was intensely active in College, Seminary, Church and City affairs, and has left the impress of his activity, and of his clear, thoughtful mind on every object and every interest he touched. The *Christian Intelligencer* of April 20, 1876, gives a more lengthy review of his life, character and spirit than our limits here will permit. His Christian faith was firm, and his endurance throughout a life of much physical suffering was heroic to the end. His piety "was positive, fervent, vital, and undisturbed by any shadow of doubt." In his death the College, the Seminary, the Church, and his native city have lost an able, firm and useful friend.

JACOB B. JEWETT, Esq.

Mr. Jewett, a Trustee of the College since April 11, 1866, was a son of Nathan H. Jewett and Jane Hoffman. He was born in New York City, and died very suddenly at his home in Poughkeepsie on the morning of Sabbath, January 23, 1876, in the 51st year of his age. He was a graduate of Columbia College, began the study of law with Messrs. Johnson and Cole at Poughkeepsie and completed his course at the law school of Harvard University.

He was one of Poughkeepsie's most honored and trusted citizens, and leaves behind the record of an intensely active, influential and useful life. The Alms House of his city owes its existence, and its Cemetery owes its organization to him. He was also one of its most active Bank Directors. He was for long periods President of the Dutchess County Bible Society, and was also very prominent in the County Sunday School Association and work. Notwithstanding his extensive business engagements, he gave great attention to education, and to all other public causes and interests. His sudden death called forth the warmest expressions of sorrow, and the loftiest eulogies from the bar, and from the various Associations and Official Boards with which he was connected. The officers and members of the Second Reformed Church say that the formative influence of his pure life, the power of his judicious activities, and the examples of his principled generosity, can be traced through its whole history. He became a member of that church at its first communion in November, 1849, was one of its deacons from 1852 to 1858, and an elder in it from the latter date till his death. He was a member of General Synod in the years 1860, 1862, 1864, 1868, 1872 and 1875. He was singularly modest, and yet from the Synod's deep sense of his wisdom and value as a counsellor, he was certain always to be placed in positions requiring the most careful consideration and prudent skill. In his own church, he was at the time of his death and had been for many years Superintendent of the Sabbath School, which ever bore the impress of his orderly, devout spirit. Through a peculiar relation which he maintained to Bible study, he indirectly reached every Sabbath School in the city with his influence. His catholicity and fervor of spirit linked him of necessity with every union, religious and philanthropic movement. His life and death wrought in all around a conviction that religion is a most precious reality. His own church, the church at large, the General Synod and this College have sustained a loss not easy to be repaired in the death of this excellent and honored servant of the Lord Jesus Christ.

Rev. ABRAHAM D. WILSON.

He was of the Queen's College Class of 1811, and had been for some time the oldest living Alumnus of our Institution. From the New Brunswick Theological Seminary he was graduated in 1815. In the East he was pastor from 1816 to 1829 at New Prospect and Shawangunk, N. Y., and from 1831 to 1837 at North Branch, N. J. In 1837 he began Mission work in Illinois, and having gathered a church at Fairview in that State, became its pastor in 1841. In 1856, already under the infirmities of age, he retired from ministerial work, but continued to reside at Fairview till his death, which occurred on the 21st of July, 1876. He had reached 89 years of age. His funeral sermon was preached by Rev. Samuel A. Bumstead, long associated with him in mission and church work. A long extract from the sermon was published in the *Christian Intelligencer* of September 21st. From it we learn that Father Wilson was the pioneer of our Reformed Church Missions at the West, and that the extension of our church was more accelerated by his example and influence than by any other impulse whatever. He was little known at the East to-day by reason of his long residence in the distant State of Illinois, and by reason of the fact that severe bodily and mental infirmities, had for many years entirely secluded him from social life. His record, however, is one of long, heroic, self sacrificing toil in the service of the Master and for souls. He was rigorous in his attachment to the standards and usages of the Reformed Church and in his fidelity to principle in all things, small and great. In view of the extreme sufferings of his last years, the article referred to closes with these words: "The earthly house of his tabernacle so aflicted with disease, so shattered and bruised in all the elements of its nature, both physical and mental, leads us to rejoice rather than to weep, that the end has come when the veteran is called to lie down and rest, when from the sufferings of the decaying body the spirit flies from its confinement to breathe the fresh air of immortality and to renew the freshness and vigor of immortal youth. The end of a long life has come. Four score years and ten have passed over his eventful life, while the crumbling tenement falls to pieces and lets the captive free. How precious in the sight of the Lord is the death of his saints!"

Rev. William W. Blauvelt, D.D., of the class of 1814, and Rev. Robert B. Croes, D.D., of the class of 1815 are still living, the former at Lamington, N. J., and the latter at Yonkers, N. Y. Does any one know of any other graduate of Queens College who has not passed away?

Rev. WILLIAM A. CORNELL.

Mr. Cornell was graduated from this College in 1841, and from the Theological Seminary of our Church in 1844. He was a son of Isaac Cornell and Elizabeth Hoffman, and was born in 1820 in the town of La Grange, Dutchess County, N. Y. He was prepared for College in part at Poughkeepsie schools and in part at the Grammar School in New Brunswick. In College, he was a conscientious student, and at graduation, he was one of the "honor men" of his class. He was settled in pastorates, first at Athens, N. Y., from 1844 to 1848 and afterwards at Blooming grove, N. Y., from 1848 to 1851. In the last year named, an operation upon his tonsils, which it was hoped would afford him relief from a difficulty in speaking, was unsuccessfully performed and resulted in permanently disabling him for ministerial work. The remaining twenty-five years of his life were passed in farming in Dutchess County. But the providence of which we have spoken threw a permanent depression of spirit over all these years. One who evidently knew him well (we think a loving classmate) writes thus in regard to him in one of the papers: "The sad close of his life, by his own hand, was undoubtedly the result of mental aberration, of which there were traces in the early period of his student life, when he suffered from terrible despondency in regard to his spiritual state. But he was a good man, full of faith and of the Holy Ghost." To this we may add the following minute, adopted by the Classis of Poughkeepsie at its meeting of October 17, 1875. "The members of this Classis desire to put on record their profound sense of bereavement in the death of Rev. William A. Cornell. We gratefully recall his consistent Christian life, his labors for his Master, and his ardent devotion to all the interests of the Redeemer's Kingdom." The writer of this especial sketch had the best opportunities for observing him in all his relations as son, brother, fellow student, husband and father, as well as in his spiritual exercises and in his ministerial life and work. He can bear emphatic testimony to his lofty, unswerving piety, to his warm unselfishness, to his unaffected modesty, to his deep hatred of every thing wrong, to his guileless life, and to his longing desire to be holy in thought, word and deed. Self distrust and inclination to take the dark view of trials were characteristics that seemed natural to him, and they deepened upon him in connection with the experiences of his later days. The circumstances of his death were painful, but his friends bow in submission to the will of the Father in Heaven who doeth all things well. The date of the death was October 18, 1875, and Mr. Cornell was in the fifty-seventh year of his age.

Rev. JOSEPH SCUDDER, D.D.

This beloved brother was one of the well known sons of Rev. John Scudder, M. D., the late devoted and widely celebrated Missionary to Ceylon and India. He was born in Ceylon, but came to America for education when very young. He was graduated from our College in 1848, and our Theological Seminary in 1851. After obtaining his licensure to the ministry, he went immediately to India and labored in connection with the Arcot Mission till 1860. In that year ill health brought him back to America and he never returned. After recruiting his health, he first visited our Reformed Churches in the interest of Missions under the direction of our Foreign Board. During the late civil war, he held a Post Chaplaincy. Subsequently he was for a time Corresponding Secretary of the American and Foreign Christian Union. In 1872 he became pastor of the Reformed Church of Glenham, N. Y., and in 1875 removed to the Reformed Church of Upper Red Hook, N. Y., as pastor of which church he died very suddenly (yet from a deep seated disease of which he had long been aware) on the 21st of November, 1876. Dr. Scudder was a man of marked ability, of fervent piety, and of most genial spirit. The following, from the *Christian Intelligencer* of November 30, is so just and appropriate in regard to him, that we give it entire:

"Dr. Scudder shared fully in the enthusiasm of his parents and brothers in the great work of Foreign Missions to which they have all devoted the best of their lives. He was ardent, impulsive, energetic and industrious, a man of feeling and a man of action, and above all, a "man of God." His impaired health was a constant restraint upon a spirit that panted for constant service, and only a strong will, with God's grace, enabled him to accomplish much of what he did in long years of feebleness. Twenty-five years in the ministry of which about nine were spent in India and much of the remainder in mission labors for our own and other lands, make a record of usefulness which will long bear precious fruits."

"Dr. Scudder was an effective speaker, possessed of large and varied attainments and of a natural eloquence which he often used with power. He was twice married, but we believe, leaves no children. The church at large will miss him, and those who knew him best will most deeply sympathize with his bereaved church and family in their great loss. His death appeals powerfully to our active ministry to be watchful unto the end. Its ranks have been so often broken of late by the destroyer, that each new loss presses more urgently upon every survivor to preach and labor as Baxter said he did, 'as a dying man to dying men.' The time is short, but the work is greater than ever before. Let us "be ready for the coming of our Lord.'"

DEATH OF REV. WILLIAM CORNELL.

It is with unusual regret that we have to announce the death of Rev. Dr. William Cornell, of Somerville. His life was filled up with labors and usefulness, and in his departure Rutgers College has lost an ardent friend and efficient co-worker.

Mr. Cornell was born in Lodi, Seneca County, New York. He was always remarkable for his serious disposition and yearning for divine communion. It was his habit, when a boy, to retire to his father's barn and engage in a long and earnest prayer for the conversion of his relatives and companions. Penetrated with the burning desire to do good he sought the Gospel ministry as affording the largest field of opportunity and influence. He was graduated from this College in the Class of '59, and from the Theological Seminary in '62. His first settlement as pastor was at Minnisink, New Jersey, where he remained about a year, and then accepted a call to a Presbyterian Church at Woodtown, New Jersey. After laboring here with success for four years he took charge of the classical school at Somerville.

He entered upon the sphere of education with great enthusiasm and ability. The institution grew rapidly under his care in a reputation for conscientious and thorough work in preparing boys for College. Besides the excellence of his instruction he always evinced the liveliest interest in the future hopes and purposes of his pupils. To inspire them with an ambition for a collegiate education and for the achievement of a noble character was no less a part of his aim than fidelity to the task of simple teaching. And, as a consequence, many young men are happy to-day in acknowledging their debt of gratitude to him; while the College which received most of his advanced students recognized his exceptional merits and feels greatly his loss.

As a preacher Dr. Cornell was deservedly popular. His clear method and justness of thought and evangelical sentiments, united with intense earnestness of delivery, made him an impressive advocate of the Divine claims upon the hearts and consciences of men. Chastened by frequent attacks of a painful malady, he lived in constant expectation of death, and in the confident hope of a glorious immortality. His funeral was attended by a large concourse of friends. The sermon was preached by Rev. Dr. Campbell, the President of this institution, who paid a glowing tribute to Dr. Cornell's worth and usefulness.

Triennial Catalogue.

Graduates of the College and others, who may find errors or deficiencies in the last Triennial Catalogue, are urgently requested to send the proper corrections to the President of the College in order that they may be incorporated in the next edition.

Old Catalogues.

The College Library is in want of early issues of the Annual Catalogue with which to make up a few sets for binding. Friends who may have copies which they are willing to spare for such a purpose, will confer a particular favor by sending them to the Librarian.

Necrology.

Any facts respecting deceased graduates or students of the College, which will help to make the annual obituary notices more complete, will be thankfully received at any time, and may be sent to the President or Librarian.

Form of Bequest.

A form of bequest is appended, in the hope that the friends of education will remember the College, and aid the earnest efforts of its friends, to make it as widely and as largely useful as possible. As long as it continues to prosper and enlarge, an increase of funds will be needed.

Bequest.

I give and bequeath unto the Trustees of Rutgers College, in New Jersey, ...Dollars, for the maintenance and support of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New Jersey, ...Dollars, to endow a Professorship, of..... in said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New Jersey, ...Dollars, to increase the Library of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New Jersey, ...Dollars, to increase the Philosophical Apparatus of said College.

OR,

I give and bequeath unto the Trustees of Rutgers College, in New Jersey, ...Dollars, for the endowment of the Grammar School of said College.

T 8.15
R97

CATALOGUE

—OF—

RUTGERS COLLEGE,

—AT—

NEW BRUNSWICK, N. J.

1877-8.

CALENDAR.

1877-8.

1877.	June 20,	Wednesday: Commencement: Vacation.
"	September 20,	Thursday: First Session begins.
"	September 20,	Thursday: Examinations for admission.
"	December 19,	Wednesday: First Session ends. Vacation.
1878.	January 3,	Thursday: Second Session begins.
"	January 31,	Day of Prayer for Colleges.
"	February 22,	Friday: Sophomore Exhibition.
"	April 3,	Wednesday: Second Session ends. Vacation.
"	April 11,	Thursday: Third Session begins.
"	May 20, 21,	Monday and Tuesday: Senior Examinations.
"	June 14, 15,	Friday and Saturday: Examinations for admission.
"	June 16,	Sunday: Baccalaureate Sermon by the President.
"	June 18,	Tuesday: Meeting of Alumni: Exercises of the Literary Societies. Junior Exhibition in the Evening.
"	June 19,	Wednesday: Commencement: Vacation.
"	September 20,	Friday: First Session begins.
"	September 20,	Friday: Examinations for admission.
"	December 23,	Tuesday: First Session ends. Vacation.
1879.	January 8,	Thursday: Second Session begins.

Catalogue

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1877-'78.

Founded A. D. 1770.

NEW BRUNSWICK, N. J.:
TERHUNE & VAN ANGLEN'S PRESS, 31 ALBANY STREET.
1877.



Trustees.

EX-OFFICIO:

His Excellency, JOSEPH D. BEDLE,.....Jersey City,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D.,.....Trenton,
Chief Justice of the State of New Jersey.

Hon. JOHN P. STOCKTON,.....Trenton,
Attorney-General of the State of New Jersey.

BY ELECTION:

Names.	*Residences.*	*Date of Election.*
Rev. Wm. H. CAMPBELL, D.D., LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N.Y.,	July 17, 1837
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
MAURICE E. VIELE, Esq.,	Albany, N.Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,	Poughkeepsie, N.Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N.Y.,	July 27, 1853
PETER S. DURYEE, Esq.,*	Newark,	July 1, 1857
Rev. BENJAMIN C. TAYLOR, D.D.,	Bergen,	April 13, 1858
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Washington, D.C.,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,	Flatbush, N.Y.,	Oct. 16, 1860
Rev. FRANCIS M. KIPP, D.D.,	Fishkill, N.Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862

*Deceased September 23, 1877.

Names.	*Residences.*	*Date of Election.*
REV. JOHN H. MANNING, D.D.,	Brooklyn, N.Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863
REV. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
REV. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868
REV. JOACHIM ELMENDORF, D.D.,	Poughkeepsie, N.Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N.Y.,	April 14, 1869
REV. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N.Y.,	April 13, 1871
SAMUEL SLOAN, Esq.,	New York City,	June 20, 1871
GEORGE C. LUDLOW, Esq.,	New Brunswick,	June 17, 1873
HON. WILLIAM A. NEWELL,	Allentown,	June 17, 1873
REV. ISAAC S. HARTLEY, D.D.,	Utica, N.Y.,	June 17, 1873
CORTLANDT PARKER, Esq.,	Newark,	March 31, 1874
HON. THEODORE F. RANDOLPH,	Morristown,	March 31, 1874
S. OAKLEY VANDERPOEL, M.D.,	Stapleton, S.I.,	June 22, 1875
THEODORIC WESTBROOK, LL.D.,	Kingston, N.Y.,	Oct. 26, 1875
REV. WILLIAM ORMISTON, D.D.,	New York City,	June 20, 1876
REV. JOHN GASTON, D.D.,	Passaic,	June 20, 1876
HENRY W. BOOKSTAVER, Esq.,	New York City,	June 20, 1876
ROBERT F. BALLANTINE, Esq.,	Newark,	June 20, 1876

REV. DAVID D. DEMAREST, D.D.,.....NEW BRUNSWICK,

Secretary of the Board.

JOHN C. ELMENDORF, ESQ.,.....,.....NEW BRUNSWICK,

Treasurer.

OFFICE—39 Albany Street.

PETER THOMAS, *Janitor.*

Faculty.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT,)
THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,
(VICE-PRESIDENT,)
Professor of Chemistry, Natural History, and Agriculture.

REV. DEWITT TEN BROECK REILEY, A.M.,
Professor of the Latin Language and Literature, and Rector of the Grammar School.

REV. T. SANDFORD DOOLITTLE, D.D.,
COLLEGIATE CHURCH *Professor of Rhetoric, Logic, and Mental Philosophy.*

REV. JACOB COOPER, D.D., D.C.L.,
Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A.M.,
Professor of Mining and Metallurgy.

GEORGE W. ATHERTON, A.M.,
VOORHEES *Professor of History, Political Economy, and Constitutional Law; and Military Superintendent.*

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A.M.,
Professor of Analytical Chemistry.

EDWARD A. BOWSER, M.S., C.E.,
Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A.M.,
Professor of Mathematics and Graphics.

GEORGE BENJAMIN MERRIMAN, A.M.,
Professor of Mathematics and Astronomy, and Instructor in Natural Philosophy.

PETER TOWNSEND AUSTEN, PH.D., F.C.S.,
Assistant Professor of Chemistry.

GEORGE W. ATHERTON, A.M.,
Librarian.

ISAAC EDGAR HASBROUCK, A.M.,
Assistant Librarian.

The names of Professors are arranged according to seniority of appointment, with the exception of the President's.

Catalogue of Students

For the Year Beginning Sept. 20, 1877.

RESIDENT GRADUATE.

Name.	*Residence.*	*Room.*
Martin Nevius Wyckoff,	Middlebush,	Middlebush.

SENIOR CLASS.

CLASSICAL SECTION.

Names.	*Residences.*	*Rooms.*
Louis Bevier, Jr.,	Marbletown, N.Y.,	58 Paterson St.
Henry James Bogardus,	Yonkers, N.Y.,	10 Hertzog Hall.
Frederick Joseph Collier,	Hudson, N.Y.,	86 Bayard St.
Everett Mallory Culver,	Jersey City,	71 Albany St.
John Edward Elmendorf,	New Brunswick,	39 Albany St.
Nicoll Floyd Elmendorf,	Poughkeepsie, N.Y.,	96 George St.
Charles Everett,	Dayton,	Dayton.
John Blair Gibbs,	New Brunswick,	Easton Ave.
Sei-Ichi-Kudo,†	Tokei, Japan,	9 Paterson St.
George LeFevre,	New Paltz, N.Y.,	58 Paterson St.
William Burnham Marshall,	Metuchen,	Metuchen.
John Hull McLean,	Freehold,	20½ Albany St.
Otto Meyer,	New Brunswick,	Easton Ave.

† Partial.

Names.	*Residences.*	*Rooms.*
HENRY MERRILL ORNE,	New Brunswick,	74 New St.
JAMES HENRY OWENS,	Yonkers, N.Y.,	18 Hertzog Hall.
CORTLANDT PARKER, JR.,	Newark,	96 George St.
JOHN LAWSON SENIOR,	Montgomery, N.Y.,	34 Bayard St.
WILLIAM H. SCUDDER,	India,	35 Hertzog Hall.
GEORGE EDWARD STUBBS,	New Brunswick,	62 Bayard St.
EGBERT TEARS,	Shawangunk, N.Y.,	35 Schur'n St.
HOWARD DAVIDSON TERHUNE,	New Brunswick,	149 George St.
JOHN VANDERPOEL,	Albany, N.Y.,	71 Albany St.
JOHN LETSON VANDEVENTER,	New Brunswick,	84 Somerset St.
HENRY C. VAN DOLSEN,	River Edge,	71 Albany St.
JONAH VAUGHAN,	Strong, Me.,	48 Hertzog Hall.

SENIOR CLASS.

SCIENTIFIC SECTION.

Names.	*Residences.*	*Rooms.*
JOHN BISHOP,†	New Brunswick,	College Ave.
EDWARD DURYEE,	Rahway,	Rahway.
HARRY MONMOUTH HERBERT,	New Brunswick,	74 Carroll Place.
WALTER LIVINGSTON LAWRENCE,	Hamburgh,	51 Somerset St.
FRANK TOWNSEND LENT,	Poughkeepsie, N.Y.,	86 Bayard St.
ROBERT WOODWORTH PRENTISS,	Brooklyn, N. Y.,	Raritan Park.
LOUIS V. SNYDER,	Elizabeth,	Albany St.
C. CLARKSON VERMEULE,	New Brunswick,	Terrace Hill.

† Partial.

JUNIOR CLASS.

CLASSICAL SECTION.

Names.	*Residences.*	*Rooms.*
John Edmund Ackerman,	Dundee Lake,	59 Bayard St.
Joseph Elmer Aldrich,	Catskill, N.Y.,	30 Schureman St.
William James Bailey,	Cedar Hill, N.Y.,	43 Hertzog Hall.
Abram Van Nest Baldwin,†	New Brunswick,	103 George St.
Albert Chamberlain Burt,	Brooklyn, L.I.,	146 French St.
Robert Anderson Cook,	New Brunswick,	Bleecker Place.
Frank B. Conover,	Freehold,	62 Albany St.
William Cramer,	Poughkeepsie, N.Y.,	86 Bayard St.
Clarence Stephens Davison,	Tarrytown, N.Y.,	79 George St.
Alfred Howard Demarest,	New Brunswick,	Seminary Place.
Louis Augustus DuBois,	Kingston, N.Y.,	59 Bayard St.
John Frelinghuysen,	Raritan,	62 Church St.
Theodore Frelinghuysen,	Newark,	39 Albany St.
Isaac William Gowen,	New Brunswick,	72 Paterson St.
Herman Hageman,	Readington,	8 Hertzog Hall.
Peter Kenney Hageman,	Bound Brook,	Bound Brook.
Jason Shearwood Hoffman,	Lebanon,	9 Paterson St.
William Ellsworth Jarrard,	New Brunswick,	George St.
Edward Woolsey Jewett,	Poughkeepsie, N.Y.,	86 Bayard St.
William Kamp,	Pella, Iowa,	146 French St.
Seaman Miller,	Linlithgo, N.Y.,	51 Somerset St.
Asher Murray,	Delhi, N.Y.,	79 George St.
Abram Van Liew Pumyea,	Three-Mile-Run,	Three-Mile-Run.
DeWitt Gilbert Rockefeller,	Albany, N.Y.,	43 Hertzog Hall.
Ernst Linwood Runyon,	New Brunswick,	Hamilton Ave.
John Scarlet,	South Branch,	39 Hertzog Hall.
Cornelius Schenck,	New Brunswick,	74 Bayard St.

† Partial.

Names.	*Residences.*	*Rooms.*
Ezekiel Carman Scudder, Jr.,	New Brunswick,	44 Hertzog Hall.
Theodore Shafer,	Cedar Hill, N.Y.,	41 Hertzog Hall.
John Letson Stillwell,	Somerville,	37 Hertzog Hall.
John Terhune, Jr.,	Matawan,	59 Bayard St.
John Clarendon Todd,	Tarrytown, N.Y.,	34 Bayard St.
George Van Derveer,	Somerville,	62 Church St.
Geo. Vredenburg Van Neste,	Weston,	Weston.
David Demarest Zabriskie,	Ridgewood,	75 Bayard St.

JUNIOR CLASS.

SCIENTIFIC SECTION.

Names.	*Residences.*	*Rooms.*
Jesse Hageman Beekman,†	New Brunswick,	58 George St.
Condict Walker Cutler,	Morristown,	96 George St.
Charles Manning Freeman,	Metuchen,	Metuchen.
George Hill,	East New Brunsw'k,	Raritan Ave.
Franklin Marsh,	Rahway,	Rahway.
Tadanari Matsdaira,	Tokei, Japan,	4 Schuyler St.
Jonathan Bruen Miller,	Newark,	Newark.
Alfred Berry Nelson,	Piscataway,	Piscataway.
George W. Shipway,	New Brunsw'k,	Church & Neilson.

†Partial.

SOPHOMORE CLASS.

CLASSICAL SECTION.

Names.	*Residences.*	*Rooms.*
CHARLES STUART AITKIN,	Trenton,	2 College Ave.
THOMAS WOODHOUSE BAKEWELL,	Pittsburg, Pa.	Pres. Campbell's.
GEORGE BUTTLER, JR.,	New Brunswick,	E. N. Brunswick.
HERBERT HENRY CAMERON,	Closter,	Hamilton St.
CHARLES FREEMAN CANTINE,	Saugerties, N.Y.,	79 George St.
EDWARD DELAVAN, JR.,	New York City,	84 Bayard St.
NATHAN HENRY DEMAREST,	New York City,	29 Hertzog Hall.
WILLIAM ALEXANDER DUMONT,	Bedminster,	22 Hertzog Hall.
PIERRE ST. JOHN GILLESPY,	Saugerties, N.Y.,	74 Bayard St.
GREGORY RICHARD GILLMORE,	New York City,	New York.
CLARK MORRISON HAMILTON,	Millstone,	Millstone.
GILBERT D. B. HASBROUCK,	Port Ewen, N.Y.,	51 Somerset St.
WALTER D. HASBROUCK,	Orangeburg, N.Y.,	51 Somerset St.
CHARLES ARTHUR HORN,	Brooklyn, N.Y.,	47 Hertzog Hall.
EGBERT LEFEVRE,	Middlebush,	Middlebush.
FREDERICK WILKINSON OLCOTT,	Millstone,	Millstone.
EDMUND RAWSON PALMER,	New Brunswick,	College Ave.
CLARENCE MATHER PERLEE,	New York City,	6 Paterson St.
THOMAS M. FITZ RANDOLPH,	Morristown,	79 George St.
LOUIS THOMPSON REED,	Somerville,	59 French St.
MILLARD F. ROSS,	New Brunswick,	50 New St.
GEORGE WASHINGTON SCARLET,	South Branch,	41 Hertzog Hall.
EDWIN FRANCIS SEE,	Tarrytown, N.Y.,	45 Hertzog Hall.
BEVIER HASBROUCK SLEIGHT,	Sleight's B'rg,N.Y.,	51 Somerset St.
OTIS DEXTER STEWART,	New Brunswick,	30 Schureman St.
JOHN L. SUYDAM,	Three Mile Run,	Three Mile Run.
STEPHEN VEDDER TEN EYCK,	New Brunswick,	48 Bayard St.
WILLIAM VAN DOREN,	Middlebush,	Middlebush.

Names.	*Residences.*	*Rooms.*
JOSEPH APPLETON VAN MATER,	Marlboro,	79 George St.
SHERMAN VAN NESS, JR.,	Hudson, N.Y.,	51 Somerset St.
BENJAMIN MILLER VAN SYCKEL,	Newark,	Newark.
WILLIAM VAUGHAN,	Strong, Me.,	48 Hertzog Hall.
NATHANIEL W. VOORHEES, JR.,	Clinton,	6 Paterson St.
FREDERICK WEIGEL,	New Brunswick,	214 Burnet St.
JOSEPH WOLFSON,	New Brunswick,	242 Burnet St.
ASA ZABRISKIE,	Ridgewood,	75 Bayard St.

SOPHOMORE CLASS.

SCIENTIFIC SECTION.

Names,	*Residences.*	*Rooms.*
PETER RANDOLPH BUCKELEW,	Plainfield,	Plainfield.
FRANKLIN AVERY CHAPMAN,†	Madison,	69 Bayard St.
GEORGE ALBERT DEBAUN,	Saddle River,	51 Somerset St.
JOHN W. HOWELL,	New Brunsw'k,	Liv'g'n Av. & New.
OAKLEY A. JOHNSON,	Hackettstown,	
JOHN TRUMBULL MARSHALL,	Metuchen,	Metuchen.
THOMAS ELY SCHANCK,	Freehold,	67 Church St.
WILLIAM DAVIS SCHOONMAKER,	Stone Ridge, N.Y.,	Livingston Ave.
THEODORE VAN DEVENTER,	New Brunswick,	84 Somerset St.
WILLIAM S. VAN NORTWICK,	New Brunswick,	26 George St.
CHARLES STRONG VAN NUIS,	New Brunswick,	Voorhees Station.
HENRY VROOM, JR.,†	New Brunswick,	124 George St.

†Partial.

FRESHMAN CLASS.

CLASSICAL SECTION.

Names.	*Residences.*	*Rooms.*
RICHARD A. ANTHONY,	Newark,	Newark.
CORNELIUS BERGEN, JR.,	New Brunswick,	28 Welton St.
THEODORE BURGES BOORAEM,	New Brunswick,	54 Bayard St.
JESSE WENDELL BROOKS,	Cheshire, Conn.,	51 Hertzog Hall.
GARDNER HALE CAIN,	Harlingen,	Harlingen.
MARION TOWNSEND CONKLIN,†	Kingston, N.Y.,	Hertzog Hall.
LEWIS CORY,	San Jose, Cal.,	123 George St.
JOSIAH ELMER CRANE,	Fair Oaks, N.Y.,	36 Lee Ave.
HENRY JOHN DE VRIES,	Sayville, L.I.,	41 Schureman St.
GEORGE BACHELDER FIELDER,	New Brunswick,	College Ave.
PETER JOSEPH GERLACH,†	Kingston, N.Y.,	22 Hertzog Hall.
ADDISON HOWARD GRIFFING,	River Head, L.I.,	41 Schurem'n St.
CORNELIUS I. HARING,	Nyack Turnp'k, N.Y.,	78 Bayard St.
RICHARD CHARLES HARRINGTON,	Newark,	Newark.
CHARLES NORTON IRONSIDE,†	Covington, Ky.,	73 Albany St.
MARTIN WYCKOFF LANE,	Neshanic,	78 Bayard St.
ROBERT LEFFERTS,	Flatbush, L.I.,	69 Albany St.
CHARLES EDWARD LORD,	Metuchen,	Metuchen.
JOEL LOUCKS,	Palatine Br'dg, N.Y.,	33 Hertzog H.
WILLIAM MACNAIR,	Bedminster,	98 Somerset St.
GEORGE BYRON MCCHESNEY,	New Brunswick,	73 Albany St.
HENRY DU BOIS MULFORD,	Hudson, N.Y.,	123 George St.
JOHN CLIFFORD PERRINE,	Pennington,	155 George St.
DAVID PROVOST,	Little Neck, L.I.,	9 Paterson St.
WILLIAM SCHMITZ, JR.,	New York City,	28 Hertzog Hall.
CHESTER BOYDEN SCHOONMAKER,	Stone Ridge, N.Y.,	Livingston Av.
CORNELIUS W. STRYKER,	Rhinebeck, N.Y.,	152 George St.

†Partial.

Names.	*Residences.*	*Rooms.*
LIVINGSTON LUDLOW TAYLOR,	Newark,	Newark.
AUGUSTUS FERDINAND TODD, JR.,	Wurtsboro, N.Y.,	36 Lee Ave.
IRVING STRONG UPSON,	Marion, Conn.,	51 Hertzog Hall.
JOHN RUSSELL VERBRYCKE,	New Brunswick,	20 Church St.
JAMES MARSHALL VAN DEUSEN,†	Hudson, N.Y.,	123 George St.
EDWARD BURNETT VOORHEES,	South Branch,	98 Somerset St.
JAMES SYLVESTER WIGHT,	Metuchen,	Metuchen.
A. AUGUSTUS WILLIAMSON,	New Brunswick,	34 George St.
GARRET GARRETSON WYCKOFF,	Roysfield,	20 Hertzog Hall.

FRESHMAN CLASS.

SCIENTIFIC SECTION.

Names.	*Residences.*	*Rooms.*
JOHN BRUERE,	New Egypt,	67 Church St.
FRED. W. DENISE,	Freehold,	79 George St.
WILLIAM MILTON FINK,	Union,	George St.
WILLIAM R. GEORGE,†	Dover,	74 Bayard St.
THOMAS HENRY GRANT,	Red Bank,	6 Paterson St.
JOHN KINAN HOW,	Voorhees Station,	Voorhees Stat'n.
DEWITT G. LIPPINCOTT,†	Churchville, Pa.,	9 Paterson St.
FREDERICK WILLIAM MALCOLM,	New York City,	86 Bayard St.
JOHN FORSYTH MCWILLIAM,	Millstone,	Millstone.
ROBERT CECIL PLUME,	Jersey City,	69 Carroll Place.
CHARLES STRONG RUSLING,	Lawrenceville, Pa.,	201 Burnet St.
WASHINGTON WILSON,	Metuchen,	Metuchen.

†Partial.

Recapitulation.

NEW JERSEY,	108
NEW YORK,	52
CONNECTICUT,	2
IOWA,	1
MAINE,	2
PENNSYLVANIA,	3
INDIA,	1
JAPAN,	2
CALIFORNIA,	1
KENTUCKY,	1
TOTAL,	173

SUMMARY.

CLASSICAL DEPARTMENT.

SENIORS,	25
JUNIORS,	35
SOPHOMORES,	36
FRESHMEN,	36

SCIENTIFIC DEPARTMENT.

SENIORS,	8
JUNIORS,	9
SOPHOMORES,	12
FRESHMEN,	12
TOTAL IN COLLEGE,	173

Classical Department.

FACULTY.

REV. WILLIAM H. CAMPBELL, D.D., LL.D.,.....PRESIDENT.

PROFESSORS.

GEORGE H. COOK, LL.D., *Chemistry, and Natural History.*

REV. DEWITT TEN BROECK REILEY, A.M, *Latin.*

REV. T. SANDFORD DOOLITTLE, D.D., *Rhetoric, Logic, and Mental Philosophy.*

REV. JACOB COOPER, D.D., D.C.L., *Greek.*

GEORGE W. ATHERTON, A.M., *History, Political Economy, and Constitutional Law.*

REV. CARL MEYER, D.D., *French and German.*

FRANCIS C. VAN DYCK, A.M., *Analytical Chemistry.*

EDWARD A. BOWSER, M.S., C.E., *Mathematics and Engineering.*

ISAAC E. HASBROUCK, A.M., *Mathematics, and Graphics.*

GEORGE B. MERRIMAN, A.M., *Mathematics, and Natural Philosophy.*

PETER T. AUSTEN, PH.D., F.C.S., *Assistant Professor of Chemistry.*

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to the College will be held on Friday and Saturday before Commencement, (June 14th and 15th,) beginning at 9 o'clock A. M., in the President's room. All who can do so are desired to present themselves on Friday. Applicants for admission may also be examined on Friday, September 20th, at the same hour and place.

Candidates for advanced classes must sustain a satisfactory examination upon the subjects previously studied by the class which they propose to enter, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the Collegiate year.

Students who desire to pursue selected branches of study may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following, or a full equivalent, are the requirements for admission to the Freshman Class:

LATIN.—Andrews and Stoddard's or Harkness' Grammar; Fischer's Manual of Latin Grammar and Composition—First Part; Cæsar's Gallic War; Six books of the Æneid; Cicero's Orations against Catiline, on the Manilian Law, for the Poet Archias, and for King Deiotarus.

GREEK.—Hadley's Greek Grammar, including Prosody; Xenophon's Anabasis—three books; Arnold's First Greek Book, entire; Three books of Homer's Iliad, and twenty sections of Arnold's Greek Prose Composition, or its equivalent.

ENGLISH AND MATHEMATICS.—Arithmetic complete, including the Metric system; Algebra, to Quadratic Equations: Plane Geometry—three books; Ancient and Modern Geography; English Grammar and Spelling; History of the United States.

GERMAN.—At and after the examination of 1878 so much German will be required as is found in Ahn's Grammar, (Fischer's Edition), or its equivalent. Any condition in this subject must be made up before the close of the Sophomore year.

2. Suggestions in regard to Preparation.

LATIN.—In preparing in Latin the student should give more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of the moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Fischer's Elements of Latin Grammar and Reader should be used in preparation as the best book to give thorough instruction in the elements of Latin.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Roman, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATIONS.—The examination is conducted in writing.

GREEK.—The examination will be: I. In Hadley's Grammar. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including accent and quantity.

II. In Arnold's First Greek Book. The whole of this is required.

III. In pronunciation the accent must be followed in prose; but in poetry, regard will be had only to quantity.

While Arnold's First Greek Book, Xenophon's Anabasis (three books), and Homer's Iliad (three books), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

MATHEMATICS.—Attention is especially called to the Metric System of Weights and Measures, a practical knowledge of which is indispensable, since it is *used* in the class room, and to the subject of Radicals, in which a deficiency of preparation is most frequently apparent.

In preparing in Mathematics the student should not only have a thorough knowledge of the subjects required, *but he should acquire a proficiency and readiness in the application of the principles, and to that end the solution of numerous and varied examples is earnestly recommended.* It is also desirable to cultivate habits of neatness and order in the presentation of work on the blackboard.

ENGLISH GRAMMAR AND GEOGRAPHY.—A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is also examined in spelling, reading and punctuation. Ancient Geography should be studied in connection with the Classical Authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

HISTORY.—Candidates for admission are examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation then to the particular book used.

3. Course of Instruction.

The COURSE OF INSTRUCTION occupies four years, with three terms or sessions in each year.

The following is a scheme of the studies of the course. This scheme is not always strictly followed, either in the order of studies or the use of the particular text-books named; but it furnishes an exhibit of the amount of work required of students during the four years, and may indicate to candidates for advanced standing the equivalents which will be accepted from them:—

FRESHMAN CLASS.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Cicero de Amicitia; Fischer's Manual of Composition. 2. *Greek*—Homer's Odyssey (three books), Arnold's Greek Prose Composition. 3. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 4. *Natural History*—Dalton's Physiology; Lectures. 5. *Rhetoric*—Haven; Lectures.

SECOND TERM.

1. *Latin*—Livy; Fischer's Manual of Composition; Mythology (Eschenberg). 2. *Greek*—Lucian's Timon, and one Phillipic of Demosthenes; Arnold's Greek Prose Composition. 3. *Mathematics*—Loomis' Algebra completed; Loomis' Geometry, from Book IV. 4. *Natural History*—Zoology. 5. *English Literature*—Hadley's History of the English Language. 6. *Elocution*—Lectures.

THIRD TERM.

1. *Latin*—Cicero de Officiis; Fischer's Manual of Composition. 2. *Greek*—Thucydides, Two Books; Arnold's Greek Prose Composition, complete. 3. *Mathematics*—Loomis' Geometry completed. 4. *Natural History*—Gray's Botany. 5. *English Literature*—Lounsbury's Edition of Chaucer's Parliament of Foules.

SOPHOMORE CLASS.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Tacitus; Latin Composition. 2. *Greek*—Sophocles' Electra; Prose Composition—Boise's Greek Exercises; Lectures on Greek Literature. 3. *Mathematics*—Olney's Trigonometry, Plane and Spherical, with application to Surveying. 4. *Modern History*—Freeman's Outlines, with Written Essays.

SECOND TERM.

1. *Latin*—Plautus; Horace; Latin Composition. 2. *Greek*—Demosthenes on the Crown, Tyler or D'Ooge; Boise's Greek Exercises; Lectures on Numismatics, with Illustrations. 3. *Mathematics*—Trigonometry completed, Analytical (or general) Geometry, Olney—Loomis' Trigonometry, Plane and Spherical. 4. *Modern History*—Freeman's Outlines with Written Essays.

THIRD TERM.

1. *Latin*—Juvenal; Quintilian; Latin Composition. 2. *Greek*—Aristophanes' Birds; Boise's Greek Exercises completed; Greek Antiquities; Lectures on the History and Deciphering of Manuscripts, with Illustrations. 3. *Mathematics*—Analytical Geometry completed. 4. *Constitutional History of England*—Creasy.

JUNIOR CLASS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Natural Philosophy*—Deschanel. 2. *Chemistry*—Lectures on Inorganic Chemistry. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy and Lectures. 4. *German*. 5. *Elective Studies*—One of which is to be pursued. 1. *Latin*. 2. *Mathematics*—Differential and Integral Calculus, Olney. 3. *Analytical Chemistry*—Laboratory Practice.

SECOND TERM.

1. *Natural Philosophy*—Deschanel. 2. *Chemistry*—Lectures on Inorganic Chemistry and Mineralogy. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy and Lectures. *Logic*—Thompson's Outlines of the Laws of Thought. 4. *German*. 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Plato's Phædo, Wagner's Edition; Wilkin's Manual of Composition. 2. *Mathematics*—Calculus completed. 3. *Analytical Chemistry*—Laboratory Practice.

THIRD TERM.

1. *Astronomy*, Brinkley's. 2. *Chemistry*—Lectures. 3. *History of Civilization*—Guizot. 4. *German*. 5. *Elective Studies*—One of which is to be pursued. 1. *Latin*. 2. *Mechanics*—Wood's Analytical Mechanics. 3. *Analytical Chemistry*—Laboratory Practice.

Senior Class.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Chemistry*—Lectures on Organic Chemistry. 2. *Political Economy*—Bowen, and Perry; Lectures. 3. *Moral Philosophy*—Calderwood's Handbook; Lectures. 4. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Buchholz' Anthology; Trendelenberg's Elementa Logices Aristoteleæ; Wilkin's Manual of Composition. 2. *Astronomy*—With use of Instruments. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

SECOND TERM.

1. *Chemistry*—Lectures on Chemical Physics. 2. *International Law*—Woolsey; Lectures. 3. *Constitution of the United States*—Pomeroy. 4. *Moral Philosophy*—Butler's Analogy. 5. *Elective Studies*—One of which is to be pursued. 1. *Latin*. 2. *Geodesy*—Lectures. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice. 5. *Hebrew*—Extra.

THIRD TERM.

1. *Geology*—Lectures. 2. *Architecture*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Porphyry's Isagoge and Aristotle's Categoriæ, Bekker's Edition. Lectures on the Organon. 2. *Modern Languages*—German. 3. *Analytical Chemistry*—Laboratory Practice. 4. *Hebrew*—Extra.

4. Remarks on the Course of Study.

In the above schedule all the Studies up to the close of the Sophomore year are obligatory, and are intended to be of such a character as will be equally desirable whatever subsequent profession or career is chosen. During the Junior and Senior years some subjects are required of all regular students, while several others are made elective, one at least of which must be pursued.

LANGUAGES.

Latin.—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose Author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with a rhetorical and a philosophical treatise. Exercises in Latin Composition are continually required of the student.

GREEK LANGUAGE AND LITERATURE.

Greek—The Classical Greek authors are read during the entire Freshman and Sophomore years, one term of the Junior, and two terms of the Senior year. The course is intended to embrace at least one complete treatise from a leading author belonging to each period from Homer to Lucian. And while the amount read is distinctly indicated by the Catalogue, it is the purpose to vary the authors, or portions from the same author, every year. Term examinations are entirely in writing. They are from printed slips, different for each pupil, containing the passages for translation, with accompanying questions.

Promising students are encouraged to take special courses of study, in addition to the regular class work; and private instruction, supplemented by an efficient Library, is constantly given without charge. Assistance is also offered in Chaldee, Arabic and Sanskrit. The following books of reference are recommended: Smith's Classical Dictionaries, 6 vols; Jelf's Greek Grammar; Becker's Charicle's; Liddell and Scott's Lexicon, 6th Oxford Edition.

English Language and Literature.—In addition to Hadley's History of the English Language, and Lounsbury's Edition of Chaucer's Parliament of Foules, used as text books in Freshman year, conversational lectures are given upon the most distinguished authors and their chief works. Special pains is taken in directing the student to a carefully selected Course of Reading, and in inspiring him to cultivate a critical literary taste.

French and German are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors. The Seniors have frequent practice in German conversational exercises.

Hebrew.—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

All students in this department are carried in Mathematics through Trigonometry and Surveying, and Analytical Geometry. Higher Mathematics, including Differential and Integral Calculus, Analytical Mechanics and Descriptive Geometry, are optional, and provision is made for a thorough and extended course. Both Natural Philosophy and Astronomy are taught in connection with complete sets of apparatus which are used in illustration.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations. In the Junior and Senior years students may elect a course in Analytical Chemistry with Laboratory Practice. The experimental studies in this department have proved remarkably attractive and profitable to those intending to devote themselves to Law or Medicine, or to business pursuits.

RHETORIC AND METAPHYSICS.

Elocution.—During the Freshman year lectures are delivered on the general principles of Elocution, and a practical application of these principles is made by appropriate exercises in Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

In the department of Rhetoric begun during the Freshman year an effort is made to teach the principles of Composition, not as laid down in mechanical rules, but as springing from psychological laws and relations. Ideas presented in accordance with various mental requirements and influences are shown to contain the true philosophy of rational and effective discourse. And illustrative references to the Masterpieces of Oratory, and to other forms of the best English Classical Literature are freely given. Essays are required throughout the entire course.

Mental Philosophy.—Porter's Elements of Intellectual Philosophy is employed as a text-book during the first and a part of the second terms of the Junior year. The characteristic doctrines of the Distinctive Schools in Ancient and Modern Philosophy are presented in a course of Lectures upon the representative thinkers in these schools. Much attention is paid to the most important Philosophical and Metaphysical questions at issue among living speculators. And the results of recent critical discussions together with comments are interspersed with the daily recitations. The student is urged to become familiar with

some of the works of Plato, translated by Jowett, of Locke, Berkley, Reid, Dugald Stewart, Thomas Brown, Hamilton, Coleridge, J. S. Mill, Herbert Spencer; and with the summaries of the systems of Kant, Fichte, Schelling, Hegel, and of others found in Ueberweg's History of Philosophy.

Logic, is taught by a text-book, but special care is taken to enforce a practical application of logical formulas in the resolution of arguments, and the detection of sophistries. To this end illustrative examples are drawn from different authors and much oral instruction is given.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

The scheme of studies in this department includes an outline sketch of Modern History, beginning with the downfall of the Roman Empire and tracing the formation and growth of modern states; a view of the philosophy of history as given by Guizot: and a study of the leading principles of Political Economy, Constitutional Law (with special reference to the Constitutions of Great Britain and the United States) and International Law. Instruction is given by text-books, lectures and conversational discussions. The following among others, are recommended to students as books of reference: Hallam, and Stubbs, on the English Constitution; the Federalist, Story, Kent, Jameson, Curtis, and Von Holst, on the Constitution of the United States; Kent, Woolsey, Wheaton, and Phillmore, on International Law; Adam Smith (Rogers' edition), Mill, Fawcett, Cairnes, and Carey, on Political Economy. These studies begin in the Sophomore year and are continued during portions of the two following years.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments, and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

Scientific Department.

RUTGERS SCIENTIFIC SCHOOL.

BY ACT OF THE LEGISLATURE CONSTITUTED THE STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

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(APPOINTED BY THE GOVERNOR.)

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1. Conditions of Admission.

Every applicant for admission must be sixteen years of age and must submit to the President proper testimonials of a good moral character. If an applicant for a State Scholarship, he must also present to the President a certificate of appointment from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz.: on the Friday and Saturday preceding Commencement, June 14th and 15th, beginning at 9 o'clock, A.M., in the President's room. Applicants for admission may also be examined on Friday, September 20th, at the same hour and place.

Students may enter an advanced class either at the beginning of the College year or at other times, on condition that they sustain a satisfactory examination both on the preliminary studies and on those already passed over by the class which they propose to enter.

Provision is made for such students as wish to devote themselves to special subjects, if they are prepared to go on profitably with the regular classes in those subjects.

The following are the subjects on which those desiring to enter the Freshman class of the Scientific Department are examined. As they are all such as can be acquired in our best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete. 2. Algebra, to Quadratic Equations. 3. Plane Geometry—three books. At and after the examination of 1879, Algebra to Series, and from 1880, the *whole* of Plane Geometry will be required. 4. English Grammar—including spelling. 5. Descriptive Geography. 6. Physical Geography. 7. History of the United States.

In preparing the student for this course, it is recommended that he be drilled thoroughly in Arithmetic, as a clear understanding of its simple elementary, and practical principles is essential to a good Mathematician. His preparation in Algebra also to Series should be as complete. In addition to learning the PRINCIPLES of the science he must fix them in his mind, and learn their bearing and utility, and for this reason he must pay great attention to the solution of practical examples. What is needed is ability to solve ordinary examples with facility and explain them thoroughly.

Attention is especially called to the Metric System of Weights and Measures, a practical knowledge of which is indispensable, since it is *used* in the class-room.

2. Courses of Study.

Three distinct courses of study are included in the Schedule which follows:

I. A COURSE IN CIVIL ENGINEERING AND MECHANICS.

II. A COURSE IN CHEMISTRY AND AGRICULTURE.

III. A SPECIAL COURSE IN CHEMISTRY.

During the first and second years the studies of the two full courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches in either.

During the last two years the subjects of Higher Mathematics, Mechanics and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory, and Agriculture, in the other. The remaining subjects are pursued by the students of both courses together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is especially designed to meet the wants of those who cannot take the entire four years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course, receive from the Faculty a certificate of their attainments.

Students in this Department have daily practice in Draughting, with exercises and problems in Geometrical Constructions, in Descriptive Geometry, Topographical, Mechanical and Architectural Drawing, and in Graphical Statics. At present, several students who have acquired sufficient skill obtain positions as draughtsmen in various offices in the City.

SPECIAL STUDENTS are received, and allowed to take any part of the above course, provided their previous education is sufficient; and particular provision is made for them, especially in the Laboratory, in Mathematics, Surveying and Draughting.

THE SPECIAL COURSE in Chemistry and Agriculture occupies two years. The Laboratory is open from 9 A.M., until 5 P.M.

Students are instructed in Blowpipe Analysis; Determinative Mineralogy; Analysis of Ores, Minerals, Technological Products, etc.; Assaying; Analysis of Soils, Fertilizers, Agricultural Products and Foods; Volumetric Analysis of Gases; Detection of Poisons; Analysis of Urine and Animal Products and Microscopical examinations. The course of study depends to some extent upon the student's future pursuit in life.

SPECIAL PROVISION IS ALSO MADE FOR STUDENTS WHO DESIRE, AFTER COMPLETING THE REGULAR COURSE OF STUDY, TO TAKE POST-GRADUATE STUDIES.

In connection with the instruction in Agriculture in this Department, the Trustees maintain an extensive model farm, designed to illustrate the principles of agriculture, and also to test by experiment the value of different systems. It is under the charge of the Professor of Agriculture, and *every Wednesday* during term time will be devoted to giving upon the farm explanations of the experiments and their results, to the students in agriculture, as well as to any farmers who may desire to avail themselves of this privilege.

3. Organization.

This department of the College has been designated by the Legislature of New Jersey, in accordance with the law of Congress:

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

Under this law, a certain number of students from the State of New Jersey are received into this department of the College and educated free of expense for tuition. The law also provides for the

appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent of Schools in each county. They are distributed among the counties in proportion to their population as follows:

STATE SCHOLARSHIPS.

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		40

COURSES OF STUDY.

FRESHMAN YEAR.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *French.* 2. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 3. *Natural History*—Dalton's Physiology; Lectures. 4. *Rhetoric*—Haven; Lectures. 5. *Draughting*—Practical Geometry, plane.

SECOND TERM.

1. *French.* 2. *Mathematics*—Loomis' Geometry, from Book IV. 3. *Natural History*—Zoology; Lectures. 4. *Elocution*—Lectures. 5. *English Literature*—Hadley's History of the English Language. 6. *Draughting*—Coloring, Topographical Signs, &c.

THIRD TERM.

1. *French.* 2. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 3. *Natural History*—Gray's Botany; Lectures. 4. *English Literature*—Lounsbury's Edition of Chaucer's Parliament of Foules; Lectures. 5. *Draughting*—Mapping, with Sections, &c.

SOPHOMORE YEAR.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Surveying*—Murray's Manual; Field Exercises and Mapping. 2. *Descriptive Geometry*—Church. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 5. *History*—Freeman's Outlines. 6. *Draughting*—Practical Geometry, solid.

SECOND TERM.

1. *Descriptive Geometry*—Church; Construction of Problems; Navigation and Railroad Curves. 2. *Chemistry*—Lectures. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 4. *History*—Freeman's Outlines. 5. *Draughting*—Intersection of Surfaces, &c.

THIRD TERM.

1. *Leveling and Railroad Curves*—Henck's Field Book; Field Practice, and Plotting. 2. *Shades, Shadows and Perspective*—Church; Construction of Problems. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 5. *History*—Creasy's Constitutional History of England. 6. *Draughting*—Linear Perspective, &c.

JUNIOR YEAR.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Analytical Geometry*—Olney. 3. *Natural Philosophy*—Deschanel. 4. *History of Civilization*—Guizot. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting*—Lettering, &c.

SECOND TERM.

1. *German.* 2. *Analytical Geometry, completed; Differential and Integral Calculus*—Olney. 3. *Natural Philosophy*—Deschanel. 4. *Political Economy*—Bowen, and Perry. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting*—Shading, &c.

THIRD TERM.

1. *German.* 2. *Calculus completed.* 3. *Astronomy*—Brinkley. 4. *International Law*—Woolsey. 5. *Draughting*—Constructions.

JUNIOR YEAR.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Mineralogy and Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures at the Farm. 4. *Natural Philosophy*—Deschanel. 5. *History of Civilization*—Guizot. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 7. *Draughting*—Lettering, &c.

SECOND TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Lectures. 4. *Natural Philosophy*—Deschanel. 5. *Political Economy*—Bowen, and Perry. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 7. *Draughting*—Shading, &c.

THIRD TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice. 3. *Agriculture*—Vegetable Physiology. 4. *International Law*—Woolsey. 5. *Draughting*—Constructions.

SENIOR YEAR.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Mechanics*—Tate, or Wood. 2. *Engineering*—Mahan. 3. *Chemistry*—Lectures on Organic Chemistry. 4. *Moral Philosophy*—Calderwood's Handbook. 5. *Draughting.* Machinery and Architecture.

SECOND TERM.

1. *Engineering*—Mahan. 2. *Mechanics*—Tate, or Wood, Bridge Building; Intermediate Analysis. 3. *Chemistry*—Lectures on Chemical Physics. 4. *Moral Philosophy*—Butler's Analogy. 5. *Draughting*—Engineering.

THIRD TERM.

1. *Engineering*—Bridge Building and Railway Practice; Geodesy, Stone Cutting. 2. *Geology*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Draughting*—Thesis.

Senior Year.

Course in Chemistry and Agriculture.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Mining and Metallurgy.* 2. *Chemistry and Principles of Agriculture*—Lectures. 3. *Laboratory Practice.* 4. *Moral Philosophy*—Calderwood's Handbook. 5. *Draughting.*

SECOND TERM.

1. *Agriculture*—Its Methods and Products. 2. *Chemistry*—Lectures on Chemical Physics. 3. *Laboratory Practice.* 4. *Moral Philosophy*—Butler's Analogy. 5. *Draughting.*

THIRD TERM.

1. *Agriculture*—Animal Physiology; Care and Management of Domestic Animals. 2. *Geology*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Draughting*—Thesis.

SPECIAL COURSE IN CHEMISTRY.

FIRST YEAR.

First Term.—1. *Elements of Chemistry*—Text-book and Lectures. 2. *Blowpipe Analysis.* 3. *Elements of Mineralogy.*

Second Term.—1. *Physics and Chemistry*—Text-book and Lectures. *Chemical Analysis*—Qualitative.

Third Term.—1. *Chemical Analysis*—Qualitative and Quantitative. 2. *Vegetable Physiology.*

SECOND YEAR.

First Term.—1. *Chemical Analysis*—Analysis of Minerals, Ores, &c. 2. *Mineralogy*—Determinative.

Second Term.—*Chemical Physics*—Heat, Electricity, Magnetism, Galvanism and Electro-Magnetism—Text-book and Lectures. 2. *Analysis of Fertilizers and Chemical Products.*

Third Term.—1. *Lectures on Geology.* 2. *Chemical Analysis*—Special Investigations.

MILITARY TACTICS.

In accordance with the requirements of the Law, provision is made in this Department for the study of Military Tactics.

Examinations.

The classes in both departments are examined at the close of each term. The examinations are partly oral and partly written, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms, the examinations of the classes of the Scientific Section are held in the presence of the Board of Visitors, who then make their semi-annual visits to the institution.

At the end of the third term, each member of the Graduating Class of the Scientific Section is required to present a thesis on some scientific subject, a copy of which is to be written out upon paper suitable for binding, and deposited in the College Library.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

Graduation.

To all members of the Graduating Class of the Classical Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Class, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commencement.

1. The privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific Sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.

SECOND HONOR—English Salutatory.

THIRD HONOR—Philosophical Oration.

FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *Rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided, that he must have been a member of his class for two years, and have a general grade in scholarship among the best two-thirds.

4. Eleven other speakers shall be chosen, of whom six shall be chosen by grade in scholarship, provided, that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and five shall be chosen by grade in composition and elocution during their Junior and Senior years, provided, that in their general grade in scholarship they be among the best two thirds.

Post-Graduate Studies.

Provision is made for post-graduate courses of study in the following departments:

1. Moral Philosophy and the Evidences of Christianity.

Instruction in this department will consist of the History of Ancient and Modern Moral Philosophy, and the critical study of different systems from original sources.

2. Metaphysics.

In this department the student will pursue a selected course in Ueberweg's History of Philosophy, and in other authors, with the view especially of acquainting himself with the distinctive opinions and influence of the chief representative thinkers of the various schools of philosophy.

3. Geology and Chemistry.

In Chemistry, students pursue special studies and investigations in the Analytical Laboratory, under the direction of a professor, upon subjects connected with industrial or professional life.

In Geology and Natural History, the large collections in Geological Hall, are available for extended courses of study, and can be used under the direction of a professor for special study in Geology, Mining, Metallurgy, and the various branches of Engineering.

In Agriculture, the well equipped farm and laboratories give unusual opportunities for advanced studies in this department, and every facility is afforded for their use.

4. Mathematics.

Instruction will be given in any of the following subjects: Geodesy, with practice; Higher Mathematics (pure); Theoretical and Practical Astronomy; the use of Physical Apparatus.

5. Greek Language and Literature.

Instruction will be given in Aristotle's Organon, and other advanced Greek authors, accompanied with a study of the Comparative Grammar of the Indo-Germanic Languages as bearing on Greek.

6. Modern Languages.

The course will include Lectures on French Literature; Lectures on German Literature; Lectures on German Etymology, on German Mythology, and on the Phonology and Morphology of the Indo-Germanic Languages, as bearing on German.

7. Political and Social Science.

In this department, provision is made for instruction in an Advanced Course in Political Economy; in the Constitutional History and Jurisprudence of the United States; in the History of the English Constitution; and in the elements of Roman Law.

These subjects, according to the choice of students, will be arranged in courses of one, two, or three years. Students completing a full course of two years, in any two of the departments, will be entitled to the degree of Bachelor of Philosophy. Students completing a full course of three years, in any three of the departments will be entitled to the degree of Doctor of Philosophy.

Regulations.

1. Morning prayers are attended in the College Chapel each morning, except Saturday and Sunday, at 8.40 o'clock.
2. The recitation hours extend from 9 o'clock A.M., to 1 o'clock P.M., during five days of the week.
3. A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.
4. A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon and evening, at such places as their parents or guardians may direct.
5. No student is allowed to leave the city during term time without permission from his Division Officer.
6. No student shall keep fire-arms, spirituous or fermented liquors, or any means of gaming in his room.
7. No student shall visit bar-rooms, drinking saloons, or billiard-rooms.
8. Every perfect recitation is marked 10, and inferior recitations are graduated to 1. A failure is marked 0. The average standing of the student is made up from his marks on a scale of 100, and is posted on the College Bulletin at the end of each term, and is also sent to his parent or guardian. A mark at examination counts as much as one-third of the term.

9. If the grade of a student in any term shall fall below one-half the maximum in one of his studies, he shall be conditioned in that study, and be re-examined therein before graduating.
10. If the general average of any student in any term fall below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.
11. If any student in any term shall fall below one half of the maximum grade in all his studies, he shall be dismissed from College.
12. If any student shall be found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case shall be reported to the Faculty, and such action by way of discipline shall be taken therein as they may deem necessary.
13. When a student has received six marks of unexcused absence and misconduct, or of either, the Secretary of the Faculty shall notify the parent of such student of the fact. When he has received six more marks of like character, a second notice shall be sent to the parent. When he shall have received eighteen marks, a third notice shall be sent, and the student admonished by the President. When twenty-four are recorded against him, he shall be suspended or dismissed from the College.
14. Absences or tardiness, for which excuse is not rendered by the student within one week, are entered as unexcused.
15. Recitations omitted on account of excused absences may be made up at any time within two weeks following the student's return to his class. If not so made up they shall be counted as failures; provided, that in case of protracted absence on account of sickness or other unavoidable cause, the Faculty may, at their discretion, grant an extension of time for making up the omitted work.

 The above privilege of making up omitted recitations does not extend to absences at the beginning of the term, previous to the student's entering upon his College duties.
16. No student can enter an advanced class until all his deficiencies shall have been made up, and if he fail to make up all his deficiencies on or before the opening of the College year, he is required to return to his home until such time as he shall be prepared to pass the necessary examinations for making up the deficiencies.

College Expenses.

Fees.

Tuition, per annum,	$75 00
Incidentals—Janitor, fuel, &c., per annum,	8 00
Reading Room, per annum	2 00
Admission Fee,	5 00
Graduation Fee,	7 50

Damages are in all cases chargeable to the persons committing them.

Of the above expenses, the admission fees are payable on entrance, to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees, one-third, viz, $25, is payable within ten days after the beginning of each term.

Students in Analytical Chemistry are charged $15 additional, per term, for chemicals and use of apparatus. They are also expected to provide themselves, at their own expense, with certain necessary sets of apparatus. These sets are to be retained throughout the course, but at the end of the course, if the owners do not wish to retain them, they will be purchased at a fair price. If proper care has been exercised, a small discount only from the original cost will be made.

Board.

Board, with furnished rooms, can be obtained in New Brunswick at the present time for $4 to $7 per week; board without rooms for $3.50 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz.: at an expense of $34 per annum, payable one-half at the beginning of the first term, and one half at the beginning of the second term. The rooms are heated and lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs, students are able to reduce somewhat their expenses for board.

Beneficiary Aid.

1. Van Benschoten Fund.

This Fund, the gift of Rev. Elias Van Benschoten, in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. Knox Fund.

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. W. P. Smock Fund.

William P. Smock, of Marlboro, N. J., left by his will, to the Trustees of Rutgers College, the sum of $500, to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. Mandeville Fund.

In 1865 the Trustees of Rutgers College received from the executor of the will of William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. Voorhees Fund.

Abraham Voorhees, of Six Mile-Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. State Scholarships.

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. Board of Education.

The Board of Education of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., 34 Vesey street, New York.

8. Rooms for Students.

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary, are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

The Trustees have resolved to proceed at once with the work of providing a Dormitory to furnish rooms for students. As soon as the necessary funds are secured the building will be begun.

Prizes and Honors.

All prizes and honors are open equally to members of the Classical and Scientific Departments, except in cases where prizes are specifically limited to one department by the donor. They are as follows:

1. Suydam Prize for Composition.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on the subject assigned to the class by the Professor of Rhetoric. Competitors must hand in their compositions on or before April 15th. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1878: "The Need, Possibility and Benefits of Literary Culture in Political Affairs."

Committee: Rev. J. M. Ferris, D.D.,
Rev. Denis Wortman, D.D.,
A. Q. Garretson, Esq.

2. Suydam Prize in Natural Science.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of Studies), to be selected by the Classical Professors, and to be announced at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him, before the medal is put into his hands, to be preserved among the archives of the College."

Subject for Examination for 1878: "The Pythian and Nemean Odes of Pindar."

Subject of Essay for 1878: "Do the Greek Myths show traces of a Hebrew Origin?" (To be written in Greek, and not less than six foolscap pages in length). Should five or more candidates offer in the contest, there will be given a Second Prize of twenty-five dollars.

4. Bradley's Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the second term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M.D., of Newark, in the name of his son, Adjutant Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of the Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number the committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1878: JONATHAN DIXON, Esq.,
REV. J. E. ADAMS,
JAMES S. AITKEN, Esq.

6. Tunis Quick Prize in Spelling and English Grammar.

This prize, the gift of P. Vanderbilt Spader, Esq., of New Brunswick, is the income of $300, at 7 per centum, and is to be presented to that member of the Freshman Class, Classical or Scientific, who shall pass the best examination in Spelling and English Grammar.

The examination is to be conducted in writing by the Professor of English Literature, at as early a day as convenient in the second College term, and under such regulations as the Faculty may from time to time establish.

The prize may be withheld from any or all papers offered, either for want of merit or for failure of proper competition. In case the prize be not awarded in any year, it is to be offered one year later to the members of the same class, on the same conditions as at first.

All regulations as to time, manner and conditions of awarding the prize are subject to change by the Board of Trustees.

7. Peter Spader Prizes in Modern History.

These prizes, the gift of P. Vanderbilt Spader, Esq., are two in number, the income of $400 and $300, respectively, at 7 per centum, and are to be awarded to those members of the Sophomore Class, Classical or Scientific, who shall present the best essays on some subject in Modern History, selected by the Professor of History, with the approval of the Faculty.

The subject is to be announced at the close of the Freshman year, and the competing essays are to be handed in on or before the third Monday in the third term of the Sophomore year.

The committee annually appointed by the Faculty, may decline to award these prizes, or either of them, for want of merit in the essays, or for failure of proper competition. In case the prizes be not awarded in any year, they are to be offered one year later to the members of the same class, on the same conditions as at first.

Successful essays are to be copied on paper selected by the Faculty, and deposited in the College Library, before the writer receives his prize.

All regulations as to time, manner and conditions of awarding the prizes are subject to change by the Board of Trustees.

Subject for 1878: "The Turks in Europe—their antecedents, their civilization, and their relations to the peoples of Europe."

Committee: Rev. James G. Mason,
Charles F. Richardson,
Haley Fiske, Esq.

8. Cook Prize for Mineralogy.

A prize consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the Graduating class of 1878, in the Scientific Department, who shall be able to identify and name the largest number of them, fifty being the minimun.

9. Appleton Memorial Prize in Moral Philosophy.

This prize was founded by a gift of $500, from Rev. Samuel E. Appleton in the name of his mother, Mrs. Elizabeth Appleton. It consists of $35—the interest of the above sum, and will be given to the member of the Senior Class who shall pass the best examination in Moral Philosophy.

Committee for 1878: Rev. D. D. Demarest, D.D.,
Rev. R. H. Steele, D.D.,
Rev. Edward Lord.

10. Wm. Wilson Prize in Mental Philosophy.

This prize consists of $25, given by Rev. F. F. Wilson, and Rev. P. Q. Wilson, in honor of their father, Captain William Wilson, of the New Jersey State Militia. It will be open to competition for students in both the Classical and Scientific Sections who are pursuing the study of Mental Philosophy, and will be bestowed on the one who shall pass the best examination on some work assigned by the Professor of Metaphysics.

Work for 1878: Dr. Thomas Reid's "Essays on the Active Powers of the Human Mind."

11. Wm. H. Van Doren Prize for the best Essay on Christian Missions.

This prize consists of $30, the gift of Rev. William H. Van Doren, D.D. It is open to competition for members of the Senior and Junior Classes in both Sections; and for members of the Theological Seminary.

Committee for 1878: Rev. L. H. Van Dyck,
Rev. Charles H. Pool,
Rev. Alexander McWilliam.

12. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons, of whom one is chosen by each Society, and a third by the Faculty, and is based upon relative excellence as writers and speakers.

13. Reports of Scholarship.

At the close of each term, reports of the scholarship maintained during the term in each subject are made up from the records, and transmitted to the parents or guardians of the students. The record is graded on a scale from 0 to 100, and a failure to maintain a grade of at least fifty, is regarded as a failure in a study, and any near approach to that point as a dangerous proximity.

Library and Museum.

1. Library.

The Library of the College is open for consultation at stated times during each term. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past five years, and no effort will be spared to make it what the Institution requires. Donations to this object, either in money or books, are earnestly solicited.

By the gift of a permanent fund of $1,000 from James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities, and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms are provided in the new Geological Hall for the proper preservation and display of such specimens. By the kindness of numerous friends, suitable cases have been provided to receive the collections which the College already possesses, and they are now being arranged as rapidly as circumstances will allow.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. The arrangements for these departments in the building recently erected are of the most ample and convenient description.

Wants of the College.

One of the pressing wants of the College has been supplied by the erection of the new Kirkpatrick Memorial Chapel, which was dedicated on the third of December, 1873. But the growth of the Institution and the demand for greater facilities for education are creating others which appeal imperatively to the friends of the College.

1. Professors' Salaries.

It is absolutely indispensable to the future prosperity of the Institution, that the Professors receive such an increase of salary that they can devote themselves wholly to the interests of the College, without the necessity of doing outside work in order to live.

Will not the thoughtful friends of the College take this matter into serious consideration?

2. Dormitories.

The high price of board and the difficulty of providing suitable accommodations for so large a body of students, render indispensable a building for students' rooms. The Trustees present this subject to the patrons of the College and earnestly solicit the means, not less than $35,000, to erect at once a building. It is believed that this would reduce the cost of education at Rutgers College fully one-third.

3. Library Fund.

A large present addition of books is essential to the progress of the Institution. A permanent fund is also wanted from the income of which to make yearly additions to the library, and to bind up and keep in order what has been accumulated.

4. The General Funds.

The funds for some general purposes of the College require a large increase: *First*, to make suitable provision for the care of grounds and buildings: *Second*, to make each year fresh additions to the supply of working apparatus in every department, Maps, Charts, Models, Drawings, Casts, &c. A fund that could be used for these and similar specific objects would greatly increase the working efficiency of the Institution.

Register.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, FEB. 22, 1877.

EXHIBITION OMITTED.

2. Junior Exhibition.

ORATORS FOR 1877.

Philoclean Society.	*Peithessophian Society.*
FRED. J. COLLIER,.....Hudson, N.Y.	EVERETT M. CULVER,...Jersey City.
J. E. ELMENDORF,..New Brunswick.	J. HULL M'LEAN,.....Freehold.
CORTLANDT PARKER, JR.,...Newark.	ROBT. W. PRENTISS,..Brooklyn, N.Y.
EGBERT TEARS,..Shawangunk, N.Y.	JOHN VANDERPOEL,....Albany, N.Y.

3. Graduating Exercises, June 20, 1877.

HONORS.

G. Z. SNIDER, Monsey, N.Y.,.....*Latin Salutatory*,.....First Honor.
HENRY VEGHTE, Harlingen,.....*English Salutatory*.....Second Honor.
C. H. POLHEMUS, Middlebush,.....*Philosophical Oration*,...Third Honor.
J. Q. VAN DERVEER, North Branch,..*Scientific Oration*,.....Fourth Honor.
L. VREDENBURGH, Springfield, Ill.,... *Valedictory Oration*, Rhetorical Honor.

ORATIONS.

H. M. T. BEEKMAN,...North Branch,	G. M. TAYLOR,.....Holmdel,
A. S. BRINKERHOFF,....Wood Ridge,	A. A. TITSWORTH,*.....Dunellen,
JOHN F. LADLEY,*..New Brunswick,	WM. R. WHITEHEAD,.....Trenton,
EDWARD A. REILEY,...Lambertville,	W. F. WYCKOFF, Wood Haven, L. I.,
WM. M. STILLMAN,.....Plainfield,	H. W. VANDERPOEL,...Albany, N. Y.
W. H. VAN STEENBERGH,....Rhinebeck, N.Y.	

MASTER'S ORATION.

JOHN W. SEARING, Esq., Saugerties, N.Y.

*Excused.

PRIZES AWARDED.

Brodhead Prize for Classics,.....H. VEGHTE.
Suydam Prize for Natural Science,.....C. F. POMEROY.
Suydam Prize for Composition,.....W. M. STILLMAN.
Bradley Prize for Mathematics,.....J. F. LADLEY.
Appleton Prize for Moral Philosophy,.....J. Q. VAN DERVEER.
Bowser Prize for best Thesis,.....W. R. WHITEHEAD.
Doolittle Prize for Composition,..... } LOUIS BEVIER, Jr.
William Wilson Prize for Mental Philosophy,.... }
Peter Spader Prize for Modern History (1st),.....THEODORE SHAFER.
Peter Spader Prize for Modern History (2d),.....A. H. DEMAREST.
Tunis Quick Prize for Grammar and Spelling,.....E. F. SEE.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James LeFevre.
1855—Isaac L Kipp.
1856 } George V. N. Baldwin.
1856 } Silas D. Scudder.
1857 } James W. Schermerhorn.
1857 } Benjamin C. Sears.
1858—Robert O. Currie, Jr.
1859—T. Sandford Doolittle.
1860—Dupuytren Vermilye.
1861—William P. Mesick.
1862—Francis A. Horton.
1863—William Smith.
1864—William H. Leupp, Jr.
1865—William DeHart.
1866—John G. Van Slyke.
1867—Peter L. Van Derveer.
1868—Vernon B. Carroll.
1869—William E. Griffis.
1870—R. Augustus Pearse.
1871—John W. Conklin.
1872—George H. Large.
1873—Fred. E. Allen.
1874—Howard N. Fuller.
1875—W. F. Anderson.
1876 } H. M. Cox.
1876 } B. B. Staats.
1877—W. M. Stillman.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.
1855—Milton A. Fowler.
1856—Josiah Jansen.
1857—D. Ten Broeck Reiley.
1858—John D. Drury.
1859—William Cornell.
1860—Dupuytren Vermilye.
1861———
1862—Abram Q. Garretson.
1863—Joseph M. Dixon.
1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Van Derveer.

1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.
1871—Rodolph C. Oakley.
1872—Benjamin C. Miller, Jr.
1873—William W. Cook.
1874—William B. Berry.
1875—John H. Ackerman.
1876—C. B. Pierce.
1877—C. F. Pomeroy.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Hulst.
1867—Tunis Garret Bergen.
1868—Van Rensselaer Weston.
1869—Martin Bahler.
1870—Alexander Johnson.
1871—Willard P. Voorhees.
1872—George H. Stevens.
1872—Edward W. Strong.
1873—John DeWitt Peltz.
*1874—E. Cutter.
*1874—A. H. Strong.
*1874—P. J. Fuller.
*1874—J. N. Wyckoff.
1875—Thomas D. Swift.
1876—1st prize—F. M. Voorhees.
1877—H. Veghte.

CLASSICAL PRIZE—(2d.)

1876—H. W. Winfield.
1876—H. C. Kelley.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—Ellis A. Apgar.
1867—Benjamin C. Nevius.
1868—Edgar Benedict.
1869—Martin Bahler.
1870—Frederick A. Canfield.
1871—William N. Todd.
1872—William J. Leggett.
1873—Claudius Rockefeller.
1874—Amos Van Etten, Jr.
1875—W. F. Anderson.
1876—C. B. Pierce.
1877—J. F. Ladley.

* Owing to the equal excellence of the competitors, the Cooper Prize of $25 was combined with the Brodhead Prize of $35, and equally divided.

MYRON W. SMITH PRIZES.

First Prize.	*Second Prize.*
1866—Archibald Mercer.	Vernon Bond Carroll.
1867—John Talmage Van Cleef.	William Elliott Griffis.
1868—Willet Denike, Jr.	George R. Garretson.
1869—W. H. Lawrence.	C. F. Inwegen.
1870—William J. Leggett.	Benjamin C. Miller, Jr.
1871—Frederick E. Allen.	Madison N. Ball.
1872—Joseph R. Duryee.	John N. Wyckoff.
1873—John H. Salisbury.	Fred. W. Anderson.
1874—C. C. Van Deusen.	P. F. Sutphen.
1875—Henry Veghte.	Earl A. Holdridge.
1876—Cortlandt Parker, Jr.	Frederick J. Collier.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—William Elliott Griffis.
1869—R. A. Pearse.
1870 { J. W. Conklin, Haley Fisk, Jr.
1871—Benjamin C. Miller, Jr.
1872—William W. Cook.
1873—Joseph R. Duryee.

DOOLITTLE PRIZE.

1874—James Kemlo.
1875—Henry M. Cox.
1876—Edw. Anderson Reiley.
1877—Louis Bevier, Jr.

VAN DOREN PRIZE FOR MISSIONS.

1869 { A. W. Benson. W. J. Hill.
1870—Asher Anderson.
1871—James C. Garretson.
1872—W. W. Cook.
1873—George R. Dixon.
1874—Charles Davis.
1875—H. A. Hendrickson.
1876—J. E. Lyall.

COOK PRIZE FOR MINERALOGY.

1869—Joshua Doughty.
1870—William Clark.
1871—James K. Barton.
1872—J. W. Herbert.
1873—Thomas B. Stillman.
1874—W. B. Berry.
1875—Robert A. Meeker.

MURRAY PRIZES FOR THESIS.

	First Prize.	*Second Prize.*
1869—	E. SEALY.	S. E. BUCKNALL.
1870—	WILLIAM CLARK.	C. C. HAVEN, JR.
1871—	S. G. GANO.	J. A. MILLER.
1872—	A. S. COOK.	G. B. OGDEN.
1873—	E. VAN SYCKLE, JR.	T. B. STILLMAN.

BOWSER PRIZE FOR THESIS.

1875 { A. L. TITSWORTH, H. V. BUTTLER.

1876—G. W. KUEHNLE.

1877—W. R. WHITEHEAD.

ATHERTON PRIZES FOR ESSAYS IN HISTORY.

	First Prize.	*Second Prize.*	*Third Prize.*
1873—	J. H. SALISBURY.	F. W. ANDERSON.	C. L. D. WASHBURNE.

REV. JAMES CRUIKSHANK PRIZE FOR BEST ORATION AT COMMENCEMENT.

1873—FREDERICK E. ALLEN.

PETER SPADER PRIZES IN MODERN HISTORY.

	First Prize.	*Second Prize.*
1874—	WM. A. VAN ZANDT.	C. B. PIERCE. P. F. SUTPHEN.
1875—	W. M. STILLMAN.	H. M. T. BEEKMAN.
1876—	N. F. ELMENDORF.	F. J. COLLIER.
1877—	THEODORE SHAFER.	ALFRED H. DEMAREST.

TUNIS QUICK PRIZE IN GRAMMAR AND SPELLING.

1874 { H. VEGHTE, Grammar. W. M. STILLMAN, Spelling.

1875—HARRY M. ORNE.

1876 { C. CROSBY, Grammar. C. S. DAVISON, Spelling.

1877—E. F. SEE.

SMOCK BOTANY PRIZE.

1874—H. N. JOHNSON.

APPLETON MORAL PHILOSOPHY PRIZE.

1875—JOHN H. SALISBURY.

1876—F. M. VOORHEES.

1877—J. Q. VAN DERVEER.

MASTER ORATORS.

1865—Rev. T. W. Wells, Class '62.
1866—Jos. M. Dixon, Esq., Class '63.
1867—H. R. Crosby, Esq., Class '64.
1868—Rev. John K. Allen, Class '65.
1869—John M. Gaut, Esq., Class '66.
1870—Wm. P. Wilson, Esq., Class '67.
1871—V. R. Weston, Esq., Class '68.
1872—J. T. Van Cleef, Esq., Class '69.
1873—L. L. Kellogg, Esq., Class 70.
1874—Rev. W. H. Lawrence, Class 71.
1875—G. S. Duryee, Esq., Class 72.
1876—Rev. Fred. E. Allen,† Class 73.
1877—J. W. Searing, Esq., Class 74.

5. Alumni Association.

OFFICERS FOR THE YEAR 1877–8.

Hon. JONATHAN DIXON, - - - - - - President.
Rev. RALPH WILLIS, - - - - - -
EDWARD S. VAIL, Esq., - - - - -
WM. HENRY ANDERSON, Esq., - - - - } Vice Presidents.
Rev. GEORGE J. VAN NESTE, - - -
ROBERT ADRAIN, Esq., - - - - - - Secretary.
HENRY R. BALDWIN, M. D., - - - - Treasurer.
Rev. DAVID COLE, D.D., - - - - - Biographer.
RUSH VAN DYKE, M. D., - - Chairman of Standing Committee.
Hon. GARNET B. ADRAIN, - - Vice-Chair'n Standing Committee.

6. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1877–8.

Prof. F. C. VAN DYCK, President. C. H. VOORHEES, M.D., Rec. Sec'y.
Prof. E. A. BOWSER, Vice Pres't. Prof. I. E. HASBROUCK, Treas.
Prof. G. W. ATHERTON, Cor. Sec. J. H. SALISBURY, '75, Registrar.

MEMBERS ELECTED FROM THE CLASS OF 1877.

Garret Z. Snider.
Henry Vechte.
William F. Wyckoff.
John Q. Van Derveer.
Abraham S. Brinckerhoff.
William M. Stillman.
Cornelius H. Polhemus.
H. Mackness T. Beekman.
William H. Van Steenbergh.

† Mr. Allen prepared his oration, but was prevented by sickness from delivering it.

THE VEDDER LECTURES.

This Lectureship was founded by Mr. Nicholas F. Vedder, of Utica, by a gift of $10,000, on the following among other conditions: that the General Synod should "every year elect some member of the Reformed Church in America to deliver to the students of the Seminary and of Rutgers College at least five lectures on the present aspects of Modern Infidelity, including its cause and cure."

The first course was delivered in 1874, by the Rev. Isaac S. Hartley, D.D., of Utica; the second in 1875, by Prof. Tayler Lewis, LL.D., of Schenectady; the third in 1876, by Rev. Talbot W. Chambers, D.D., of New York City; the fourth in 1877, by Rev. William R. Gordon, D.D., of Schraalenberg. The Lecturer for this year is Rev. David Ingliss, D.D.

Grammar School.

PROF. DEWITT T. REILEY, A.M., RECTOR.

This School prepares boys for the Classical and Scientific departments of the College, for business, or affords a High School course.

It is situated in New Brunswick, on the Avenue adjoining the Campus of Rutgers College. It is within one block of the Railroad Depot, at which trains arrive at all hours of the day. Many scholars avail themselves of this, and live at home, coming daily to New Brunswick. All such pupils will be required, unless excused by their parents, to come directly from the train to the school, and to remain in the building until the train starts. The *building* is large and commodious, well ventilated, with an abundance of room for recitation, drill, gymnastics, cabinets, etc., affording accommodation for two hundred students.

The following is a brief Schedule of the Classes and Studies:

PREPARATORY DEPARTMENT.

Reading; Spelling; Arithmetic, through Division; Grammar, Elementary; Geography, with map drawing; Botany; Writing; Drawing; Singing; Object Lessons; Composition; Declamation; Gymnastics.

Instruction in Natural Science, through Lectures by Rev. S. Lockwood, Ph.D. Boys finish this department when about twelve years of age.

GRAMMAR SCHOOL DEPARTMENT.

V. Class—Arithmetic, to addition of Fractions; Reading; Writing; Geography, Intermediate begun; Spelling; Grammar, Elementary; History of the United States; Vocal Music; Natural Science, by oral instruction.

VI. Class—Arithmetic, through Fractions and review; Reading; Writing; Geography, Intermediate finished; Spelling; Grammar, Elementary finished; Latin begun; History of the United States; Vocal Music; Natural Science, by oral instruction.

COLLEGE CLASSES.

III. Class—Arithmetic, through Interest; Latin Grammar and Reader begun; Composition, Fischer's Manual, First Book; German begun; Geography, Common School; History of the United States; Grammar; Natural History and Familiar Science by Lectures; Mental Arithmetic; Reading; Writing; Spelling.

II. Class—Arithmetic finished; Cæsar; Cicero begun; Fischer's Manual, Second Book; Greek Grammar and Lessons, and two books of the Anabasis; Grammar; History of England; Natural History and Technology by Lectures; German; Reading; Writing; Spelling.

I. Class—Latin; Cicero finished, Sallust's Catiline, Virgil, Fischer's Manual; Greek; Anabasis, three books finished, Iliad, three books; Algebra; Geometry; Review of Elementary Studies; Geology and Agricultural Zoology by Lectures.

BUSINESS CLASSES.

B Class—Arithmetic, through Interest; Mental Arithmetic; Bookkeeping; History of the United States; Grammar; Geography, Common School; Natural History and Familiar Science by Lectures; German; Reading; Writing; Spelling.

A Class—Arithmetic finished; Algebra; Book-keeping; Commercial Law; History of England; Constitution of the United States: German; Natural Philosophy; Physiology; Natural History and Technology by Lectures; Grammar; Reading; Writing; Spelling.

HIGH SCHOOL CLASS.

H Class—Geometry; Algebra; English Literature and Rhetoric; Physical Geography; General History; Chemistry; Botany; Geology and Agricultural Zoology by Lectures; German.

Composition, Elocution, Gymnastics and Military Drill in all the classes. The studies in all the classes are compulsory, unless the student is excused by personal application of parents or guardians. The pupil usually remains in each class one year.

Scholars are received into the School at any time, and assigned to the class which they are qualified to enter. After leaving the Fourth Class, the scholar chooses the Business or Classical Course. In each there are three classes. At the end of the course the pupil is prepared to enter the Classical or Scientific department of the College.

Classical Course.—Latin is begun in the Fourth Class, and studied during the four years. Greek is studied during two years. *Young men*, however, who are able and diligent, can, by great effort, prepare for College in less time, and special provision and extra teachers are provided for such. No young man, however, should make the attempt unless absolutely compelled to do so. Moreover, attention to English studies, including the English Language, and lectures upon Technology and Natural History give variety to the education of the classical student.

The Business Course.—This comprises two years in the A and B Classes. The instruction is intended to furnish the best practical knowledge of business that is possible in the time allowed. Book-keeping is taught throughout the course, continual practice being required in this, and the business forms. Commercial Law is given in the form of lectures. Commercial Arithmetic is taught with special regard to accuracy and rapidity. Algebra, History, Physiology, Constitution of the United States, Natural History, Natural Philosophy, and the German Languages are parts of the course. A course of lectures on Technology familiarizes the student with the progress of the useful arts and inventions, and the meaning and use of scientific terms.

High School Course.—The instruction will be in studies more general than in the Business Course. Geometry, Chemistry, Botany, Political Economy, German, English Language and Literature, and General History will be studied during this year. The students of this class will share in all the general exercises of the school, and will be fitted at the end of the year to enter the Scientific School.

PHYSICAL TRAINING.—This consists in Military Drill, Calisthenics, and Gymnastics.

GENERAL.—The best maps, charts and diagrams are used in the school. A cabinet of Geology and Natural History has been secured, and will be largely increased. The Rutgers College Cabinets of Natural History are also open to the students, and visits to them are made occasionally by each class, under the direction of a teacher of Natural History. A library of books of reference is being collected, and may be used by all. The school will accommodate two hundred students, whose condition, progress in study, etc., is made known to their parents by monthly reports.

PREPARATORY DEPARTMENT.—A Preparatory Department for boys from six to twelve years of age, is under the charge of a lady teacher. This department is entirely separate from the Grammar School. It is provided with models, maps and charts, and has the use of the Cabinet of Natural History for object teaching. It has the benefit of the Gymnasium and Apparatus belonging to the Grammar School, and the other teachers are employed in it as far as necessary.

The object of this department is to give boys a systematic course of instruction from the beginning, and to prepare them to enter the regular classes of the Grammar School at the proper time.

NATURAL SCIENCE.—In answer to many inquiries in regard to this course, we would say that it has been adapted to the best of our ability to the requirements of the times and the necessities of the pupil. It is begun in the Preparatory department by teaching the facts and observations of natural phenomena. This is continued in the Grammar School in the study of familiar science, Zoology and Natural History, the most interesting things in the Vegetable and Mineral world, and the structure of the earth. To this is added the useful arts. This part of the course is entirely in the form of Lectures, illustrated by specimens. In the higher classes, brief text-books are used in some of the departments of Natural Science. Every attempt is made to encourage the taking of notes in the lowest classes.

The department is under the charge of Rev. S. LOCKWOOD, Ph.D., well known in this country as a Naturalist, and on both sides of the ocean as an original observer.

Attendance.

The hours of attendance are from 8.30 A. M., to 1.30 P. M. For absence, tardiness, or failure in recitation, *written* excuses are expected from parents or guardians.

Calendar.

First Quarter begins - - - - - -	September 10th.
Second " " - - - - -	November 17th.
Third " " - - - - - -	January 31st.
Fourth " " - - - - -	April 11th.

Recess during Christmas week.

Terms for Day Pupils.

Preparatory Department, - -	$ 9	per quarter of ten weeks.
4th, 5th, and B Classes, -	13	" " " " "
A Class, - - - - - -	14	" " " " "
H Class, - - - - -	15	" " " " "
3d College, - - - - -	16	" " " " "
1st and 2d College, - -	18	" " " " "

The tuition is to be paid at the beginning of each quarter. No deduction for absence, unless occasioned by protracted sickness, extending over half a quarter, when the loss will be shared equally between the parents and the School. Pupils will be charged from the time of entrance.

Boarding Pupils.

Connected with the School is a large and pleasantly situated dwelling, with eight acres of ground attached, under the immediate charge of the Rector.

TERMS.—Board, Tuition, Fuel and Light, $100 per quarter of ten weeks. No extras, except for washing, attendance of a physician, and studies not in the regular course.

Each pupil must bring napkins, towels, bag for soiled clothes, napkin-ring, fork and spoon (plated), umbrella, overshoes. *All articles must be marked with the full name.* Payments made on the same conditions as by day scholars.

Damage to property will be repaired at the expense of the person committing it.

Necrology.

The following sketches are furnished of Trustees and Alumni who have recently died. With some exceptions, they were prepared by Rev. DAVID COLE, D.D., the biographer of the Alumni Association, who has for several years past, kindly written many of the obituary notices for the Catalogue.

Since the publication of the last annual Catalogue, the College has lost by death one of its Trustees: Peter Sharpe Duryee, Esq., elected in 1857, and five of its Alumni, viz.: Rev. Anson Foskett Munn, of 1852; Rev. Peres B. Bonney, of 1857; Rev. Luther Barton, of 1870; James Kennedy Barton, of 1871, and Isaac Pumyea, of 1874; and also Rev Charles Woodward Wilson, who, up to the Senior year, was a member of the Class of 1861. The notice of Rev. Edward Cady Thomas, who died in 1874, is also included. The Rev. William W. Blauvelt, D.D., of the Class of 1814, and the Rev. Robert B. Croes, D.D., of the Class of 1815, still remain to us as the only surviving graduates of Queen's College. The former is yet in the active pastorate at Lamington, N. J., and the latter is living in retirement at Yonkers, N. Y. From newspapers, private correspondence and personal knowledge, we gather the following sketches of brethren deceased.

PETER SHARPE DURYEE, Esq.

Mr. Duryee was born in Gold Street, New York City, December 23, 1807, and died at his residence in Newark, N. J., after a short illness, on Sabbath, September 23, 1877. He was of Huguenot and Holland descent, his earliest American ancestors having settled on Long Island in 1615. He was baptized in the North Dutch Church in Fulton Street, and trained in the principles and love of the Reformed Church. At fourteen, he became an apprentice in the hat factory of Mr. William Rankin, in the city of Newark, N. J. In due time he married the daughter of his employer, became a partner in the firm, thereafter known as "Rankin, Duryee & Co.," and by his energy and business tact, developed it into one of the largest hat manufacturing companies in the country. In 1863 he retired from active business, and subsequently devoted himself mainly to the management of his estate. During the last twenty years, he has been conspicuous as an elder in the North Reformed Church of Newark, as a Trustee of this College, as a leading director in several business

corporations, and as an active member of various benevolent boards. He was remarkable for devotion to whatever he undertook. He had given himself heartily to his Redeemer, and always entered with his whole strength into work for His glory. Devoted to the church of his fathers, he gave his time, his money and his family to its service. His home church in Newark felt his power in its early years of struggle, and in its later years of strength. Our General Synod and our Boards, in seasons of perplexity and disheartenment, have repeatedly been reassured by his hopeful spirit and irrepressible good cheer. In this sketch, however, we are especially called to put on record his never ceasing interest in this College. He was one of the most liberal contributors to its endowments. And we are glad to say that he lived to pass every one of his five sons under its fostering care, and to witness the graduation of the last, just one year ago. His double connection with the College as Trustee and patron for a long period made his interest in it a living and ever growing interest. It insured his presence at every Commencement, and made him always conspicuous among the directors as well as the guests of the occasion. It will be difficult, we think, to replace him in the councils of the College or the Church. He will be long remembered as one of our most useful men, and his example will linger in our memories as one worthy to be imitated by all.

Rev. ANSON FOSKETT MUNN.

Rev. Mr. Munn was born in 1828 at Stockbridge, Mass., and died at Coxsackie, N. Y., June 26, 1877. On the 15th of April, 1850, he came from Prattsville, Greene County, N. Y., to New Brunswick, and entered, as both an advanced pupil and an assistant, a school taught by the writer of this sketch. In the autumn of the same year, he entered the Junior Class of our College, and in July, 1852, was graduated with honor. After a year of teaching, he entered our Theological Seminary, and in 1856, was licensed to the ministry and settled as pastor at East New York, Long Island. Having served that church for twelve years, in 1867 he received and accepted a call from the Second Reformed Church of Coxsackie. In November, 1876, he was seized with hemorrhage of the lungs, which was followed by hasty consumption. He had rendered to the church an earnest and valuable service of twenty years.

Rev. Mr. Munn was a scholar, a gentleman and a Christian. A

neighboring pastor, Rev. Maurice G. Hansen, has done justice to his memory in a loving sketch published in the *Christian Intelligencer* of July 19, 1877. The writer of these lines, associated with him at least a year and a half in daily work, learned to know him well. As a student and a teacher, his specialty was Mathematics. His mind was clear and logical; study with him was a pleasure and even a passion, and he was able to make his favorite subject interesting to his pupils. And all who knew him felt that in his bearing, in his attire, in his language he evinced that never failing respect for himself and for others, and that appreciation of time and place, which made him the finished gentleman. He was beautifully retiring, yet ever self possessed. His crowning natural grace was modesty. If he had a weakness, we think it was a tendency to underrate himself. As a Christian, he was deeply sincere and devoted. As a minister, he was thoroughly honest with his work and with souls. And as a natural result of all his beautiful qualities of mind and heart, he was warmly loved. His experience in illness was one of quiet comfort, and submission to the will of his Redeemer. A widow (the daughter of Hon. B. G. Morse), one son and three daughters mourn his early departure. As we star his name upon our Catalogue, we thoughtfully remember those warning words that speak to all, "Be ye also ready, for in such an hour as ye think not, the Son of Man cometh."

Rev. PERES B. BONNEY.

Rev. Peres B. Bonney was born in New Brunswick, June 18, 1838. He pursued his studies at the Grammar School in New Brunswick, and entered the College in 1854. After his graduation in 1857, he was engaged in teaching for a year or longer. He then became a member of the Theological Seminary at New Brunswick, from which he was graduated in 1861; and the same year he was called to preach in the Presbyterian Church at Parsippany. In 1862 he became pastor of the Presbyterian Church at Branchville, and in 1873 of the church of the same denomination at "Ramapo Works." Being obliged to leave the ministry, on account of failing health, he entered the Postal Service in November, 1875. No change, however, could arrest the progress of consumption under which he was suffering, and he died at Lake View, May 29, 1877. Mr. Bonney was gentle and winning in manner, patient under difficulties, a faithful preacher and successful in accomplishing good.

Rev. CHARLES-WOODWARD WILSON.

Rev. Mr. Wilson was a son of Andrew Wilson and Jenny Nevius. His mother was a sister of Rev. Elbert Nevius of Stuyvesant. Mr. W. was born at Ovid, Seneca County, N.Y., July 3, 1826, and died at Two Rivers, Wisconsin, January 21, 1877. He was somewhat advanced in years when first drawn to the ministry. Having pursued his preparatory studies at Ovid, he entered College in 1856, where he remained until the end of Junior year. He entered our Theological Seminary in 1859, and in due course was licensed to the ministry by the Classis of Geneva in 1863, having conscientiously taken the entire range of study required by the Constitution, though it kept him from the pulpit till he was thirty-seven years of age. In 1864 he devoted himself to missionary work under the care of our Domestic Mission Board, and labored three years at Kewascum, and nine years at Two Rivers, Wisconsin, at which latter place he died January 21, 1877. On the 10th of April, 1871, he married Miss Sarah E. Conine. Of three children, the eldest preceded the father to the grave; the others, with the mother, survive to mourn his death.

The *Christian Intelligencer* of February 22, 1877, contains a faithful sketch of this ministerial brother from his friend "E. N. E." Great interest attaches to his memory on account of the disadvantages under which he began, and the conscientious fidelity with which he prosecuted nearly the full course of study in our institutions at a period of life when most men regard such perseverance as uncalled for and impracticable. He began by sacrificing his patrimony in order to procure an education, and he went on to the end sacrificing self and every worldly consideration to the service of Christ. His first steps revealed his spirit and were a type of his whole career. His marvellous patience was called to the severest test throughout his whole ministry, and his endurance was a constant admiration to all. His strength was not in learning, but in deep love for his Master, and in absolute consecration to the work of saving souls. "Strong faith and courage, transparent sincerity and fervent piety," were the prominent features of his character. He surmounted every difficulty by the dauntlessness of his spirit, the purity of his example, and the love of his heart. Who has left behind him a simpler, purer, holier record than this brother? We bow in submission to the will of our Master, who permits such men to drop so early on their field of toil, and we earnestly ask, where are the coming ones who are preparing and who will have the heart to take the places of these men?

LUTHER BARTON.

Mr. Barton was the eldest son of George G. and Eliza M. Barton. He was born in Fairfax County, Va., February 9, 1850. He entered the Freshman Class, Rutgers College, Sept., 1866, and was graduated June, 1870, with high honors. He taught for a year in Virginia, and then began studying Theology in the Union Seminary, New York City, September, 1871. Here he remained until near the completion of the course, when he was compelled by ill health to give up study. He had, however, during his Theological course, done much work in a mission church in New York City. Hoping to recruit his health he again taught in his native State, where he preached occasionally as strength permitted. In the Summer of 1876 he put himself under the care of Dr. Hurd, at Delaware Water Gap, Pa., where he gradually declined until his death, August 11, 1876. He was a young Christian of most lovely character. During his College course he was exemplary in the performance of every duty. His mind was clear, calm and accurate; his character evenly balanced; his manners most sweet and winning. The savor of his holy life will abide with all who ever knew him.

The sympathies of all who knew him and his brother mentioned in the sketch below, cluster around the bereaved father; who, by the death of wife and only children, all in a brief space of time, has been written desolate.

JAMES KENNEDY BARTON.

Mr. Barton was born in Fairfax County, Virginia, May 31, 1852; died at Lampasas Springs, Texas, February 16, 1877.

Mr. Barton was graduated at the Rutgers Scientific School in 1871, and received the highest honors of his class. He assisted Prof. Bowser in his Summer vacations in the surveys of the wet lands along the Pequest, Wallkill, and Passaic rivers. After graduation he went to Long Island City, and was engaged in important city surveys. In the Summer of 1874 he again assisted Prof. Bowser in a re-survey of the northern boundary line of New Jersey. The most responsible part of this very carefully executed geodetic survey was entrusted to him. In 1873–4 he was the Tutor of Mathematics in Rutgers College. His pains-taking and methodical habits, as well as his familiarity with the subjects taught, indicated success in the profession of teaching had he chosen it for his life-work.

In the Autumn of 1874 and the ensuing Spring, he surveyed and mapped for the Geological Survey of New Jersey the Clay District of Middlesex County. The great value of this map as a key to geological structure is another witness to the accuracy and faithfulness which characterized all his work. No other equal area of our country has been so carefully surveyed, and this map will stand as another memorial to the young engineer so early called away.

But continued ill health, on account of malarial fever contracted in the performance of his work, induced him to seek a change of climate in Texas, February, 1876, where he engaged in farming until typhoid fever caused his death.

Retiring in manner he was well known to his intimate friends only, and they cannot forget his gentleness, his hearty friendship, and above all his sterling integrity of character. He died as he had lived, a Christian, in the full belief of a blissful immortality.

ISAAC PUMYEA.

Mr. Pumyea was a son of Isaac W. Pumyea and Catharine Van Dyke. He was born November 30th, 1853, and died at the residence of his parents at Three-Mile-Run, N. J., October 19th, 1876.

He was prepared for College at the Grammar School in New Brunswick, N. J., and was admitted to this Institution in June, 1870, in the class of 1874. During his four years course he endeared himself not only to his classmates but to all in College, both professors and students. His kind heart, ready wit and pleasant repartees made him a great favorite with his fellows. In the Literary Hall he took no insignificant part in debate and literary contests. Having decided on "medicine" as his profession, he entered the office of Dr. Henry R. Baldwin as a student, and while he performed the duties which devolved upon him as a leader in Athletics, he made rapid advancement in his favorite study. Just prior to his graduation he contracted a heavy cold, which developed in a few months subsequent to his receiving his degree into pulmonary consumption. During April, 1876, he became converted and united with the Reformed Church at Franklin Park, N. J., at its next communion. From the time of his conversion until the hour of his departure he did not cease his endeavors to lead others unto the Saviour, and he was on all occasions ready and willing to bear testimony for Christ,

so that if possible he might with God's help counteract the influence of his former conversation. He was elected by his classmates in 1876 to be their representative as "Master Orator," but before he could discharge that duty he was called "Home" by the "Good Master." His pastor, the Rev. Dr. Sears, presided at his funeral, and Dr. Campbell, the President of the College, preached the sermon. His body was interred in Elm Ridge Cemetery, his classmates acting as pall bearers. He was a good son, a kind brother and a faithful Christian friend.

Rev. EDWARD CADY THOMAS.

Mr. Thomas was the son of Rev. Dr. Eleazer Thomas and Cordelia Brainerd, and was born at Lockport, N. Y., December 14, 1845. Having been prepared at the High School of San Francisco, Cal., he entered College in 1864, and was graduated with the highest honors of his class in 1868. After his graduation he was licensed as a minister in the Methodist Episcopal Church, and was settled for a time at Metuchen, and afterwards at Oxford, in Warren County, N. J. Disorder of his throat and lungs compelled him to seek a change of climate and occupation. He therefore engaged in surveying in California until his death at Petaluma, January 17, 1874.

Mr. Thomas possessed a mind of unusual vigor and directness; and his natural abilities were improved by the highest discipline which unflagging industry and perseverance could confer. As a preacher he was remarkable for great intensity of thought, and exceptional energy and eloquence of expression. His character was thoroughly manly. And when, to a naturally earnest and disingenuous disposition, Divine grace was added, he was enabled to display without apparent effort, a consistent example, and to exert a strong Christian influence. It is a source of unceasing regret to all who knew him, that a young man giving such abundant promise of a brilliant and useful future, should have been cut off in the flower of his life.

R 97

CATALOGUE

—OF—

RUTGERS COLLEGE,

—AT—

NEW BRUNSWICK, N. J.

1878-9.

CALENDAR.

1878-9.

1878.	JUNE 19,	Wednesday: Commencement: Vacation.
"	SEPTEMBER 20,	Friday: First Session begins.
"	SEPTEMBER 20,	Friday: Examinations for admission.
"	DECEMBER 18,	Wednesday: First Session ends. Vacation.
1879.	JANUARY 3,	Friday: Second Session begins.
"	JANUARY 30,	Day of Prayer for Colleges.
"	FEBRUARY 21,	Friday: Sophomore Exhibition.
"	APRIL 2,	Wednesday: Second Session ends. Vacation.
"	APRIL 10,	Thursday: Third Session begins.
"	MAY 19, 20,	Monday and Tuesday: Senior Examinations.
"	JUNE 13, 14,	Friday and Saturday: Examinations for admission.
"	JUNE 15,	Sunday: Baccalaureate Sermon by the President.
"	JUNE 17,	Tuesday: Meeting of Alumni: Exercises of the Literary Societies. Junior Exhibition in the Evening.
"	JUNE 18,	Wednesday: Commencement. Vacation.
"	SEPTEMBER 23,	Tuesday: First Session begins.
"	SEPTEMBER 23,	Tuesday: Examinations for admission.
"	DECEMBER 24,	Wednesday: First Session ends. Vacation.
1880.	JANUARY 8,	Thursday: Second Session begins.

Catalogue

OF THE

OFFICERS AND STUDENTS

OF

RUTGERS COLLEGE,

NEW BRUNSWICK, N. J.

1878-'79.

Founded A. D. 1770.

NEW BRUNSWICK, N. J.:
TERHUNE & VAN ANGLEN'S PRESS, 31 ALBANY STREET.

1878.



NOTE.

The first part of the Catalogue had gone to press before the meeting of the Board of Trustees on October 29th. At this meeting the decease of Rev. John Henry Manning, D.D., on October 25th, was announced, and the following were elected Trustees:

REV. ABRAHAM R. VAN NEST, D.D., PHILADELPHIA, PA.
JOHN LEFFERTS, ESQ., FLATBUSH, L.I.
WILLIAM CLARK, ESQ., NEWARK.

Trustees.

EX-OFFICIO:

His Excellency, GEORGE B. McCLELLAN,.....Orange,
Governor of the State of New Jersey.

Hon. MERCER BEASLEY, LL.D.,.....Trenton,
Chief Justice of the State of New Jersey.

Hon. JOHN P. STOCKTON,.....Trenton,
Attorney-General of the State of New Jersey.

BY ELECTION:

Names.	*Residences.*	*Date of Election.*
Rev. Wm. H. CAMPBELL, D.D, LL.D., *President of the College.*	New Brunswick,	Sept. 16, 1862
Hon. A. B. HASBROUCK, LL.D.,	Kingston, N.Y.,	July 17, 1837
Rev. ABRAHAM MESSLER, D.D.,	Somerville,	July 22, 1845
Rev. GUSTAVUS ABEEL, D.D.,	Newark,	July 22, 1845
Rev. T. E. VERMILYE, D.D., LL.D.,	New York City,	July 24, 1849
Hon. JOHN HOPPER,	Paterson,	July 22, 1851
Hon. F. T. FRELINGHUYSEN, LL.D.,	Newark,	July 21, 1851
MAURICE E. VIELE, Esq.,	Albany, N.Y.,	July 27, 1853
CHARLES W. SWIFT, Esq.,*	Poughkeepsie, N.Y.,	July 27, 1853
Hon. ROBERT H. PRUYN, LL.D.,	Albany, N.Y.,	July 27, 1853
Rev. DAVID D. DEMAREST, D.D.,	New Brunswick,	April 13, 1858
Hon. JOSEPH P. BRADLEY, LL.D.,	Washington, D.C.,	June 29, 1859
Hon. JOHN A. LOTT, LL.D.,**	Flatbush, N.Y.,	Oct. 16, 1860
Rev. FRANCIS E. KIP, D.D.,	Fishkill, N.Y.,	Oct. 16, 1860
HENRY L. JANEWAY, Esq.,	New Brunswick,	April 8, 1862
Rev. JOHN H. MANNING, D.D.,	Brooklyn, N.Y.,	June 16, 1863
JOHNSON LETSON, Esq.,	New Brunswick,	June 16, 1863

* Deceased Nov. 19, 1877.
** Deceased July 20, 1878.

Names.	*Residences.*	*Date of Election.*
Rev. GARRET C. SCHANCK,	Marlboro,	April 11, 1866
STAFFORD R. W. HEATH, Esq.,	Newark,	April 11, 1866
Rev. TALBOT W. CHAMBERS, D.D.,	New York City,	June 17, 1868
Rev. JOACHIM ELMENDORF, D.D.,	Poughkeepsie, N.Y.,	April 14, 1869
CORNELIUS ESSELSTEYN, Esq.,	Hudson, N.Y.,	April 14, 1869
Rev. PAUL D. VAN CLEEF, D.D.,	Jersey City,	April 14, 1869
JAMES W. SCHERMERHORN, Esq.,	New York City,	Feb. 7, 1871
WILLIAM C. FOWLER, Esq.,	Brooklyn, N.Y.,	April 13, 1871
SAMUEL SLOAN, Esq.,	New York City,	June 20, 1871
Hon. GEORGE C. LUDLOW, Esq.,	New Brunswick,	June 17, 1873
Hon. WILLIAM A. NEWELL,	Allentown,	June 17, 1873
Rev. ISAAC S. HARTLEY, D.D.,	Utica, N.Y.,	June 17, 1873
Hon. THEODORE F. RANDOLPH,	Morristown,	March 31, 1874
S. O. VANDERPOEL, M.D., LL.D.,	Stapleton, S.I.,	June 22, 1875
THEODORIC R. WESTBROOK, LL.D.,	Kingston, N.Y.,	Oct. 26, 1875
Rev. WILLIAM ORMISTON, D.D.,	New York City,	June 20, 1876
Rev. JOHN GASTON, D.D ,	Passaic,	June 20, 1876
HENRY W. BOOKSTAVER, Esq.,	New York City,	June 20, 1876
ROBERT F. BALLANTINE, Esq.,	Newark,	June 20, 1876
Rev. WM. RANKIN DURYEE, D.D.,	Jersey City,	March 5, 1878
Rev. WM. J. R. TAYLOR, D.D.,	Newark,	June, 18, 1878

Rev. DAVID D. DEMAREST, D.D.,.....New Brunswick,

Secretary of the Board.

JOHN C. ELMENDORF, Esq.,.....New Brunswick,

Treasurer.

Office—39 Albany Street.

PETER THOMAS, *Janitor.*

Faculty.

REV. WILLIAM HENRY CAMPBELL, D.D., LL.D.,
(PRESIDENT,)
THEODORE FRELINGHUYSEN *Professor of Biblical Literature, Evidences of Christianity, and Moral Philosophy.*

GEORGE H. COOK, LL.D.,
(VICE-PRESIDENT,)
Professor of Analytical Chemistry, Geology and Agriculture.

REV. DEWITT TEN BROECK REILEY, A.M.,
Professor of the Latin Language and Literature, and Rector of the Grammar School.

REV. T. SANDFORD DOOLITTLE, D.D.,
COLLEGIATE CHURCH *Professor of Rhetoric, Logic, and Mental Philosophy.*

REV. JACOB COOPER, D.D., D.C.L.,
Professor of the Greek Language and Literature.

JOHN CONOVER SMOCK, A.M.,
Professor of Mining and Metallurgy.

GEORGE W. ATHERTON, A.M.,
VOORHEES *Professor of History, Political Economy, and Constitutional Law; and Military Superintendent.*

REV. CARL MEYER, D.D.,
Professor of Modern Languages.

FRANCIS CUYLER VAN DYCK, A.M.,
Professor of Chemistry.

EDWARD A. BOWSER, M.S., C.E.,
Professor of Mathematics and Engineering.

ISAAC EDGAR HASBROUCK, A.M.,
Professor of Mathematics and Graphics.

GEORGE BENJAMIN MERRIMAN, A.M.,
Professor of Mathematics and Astronomy, and Instructor in Natural Philosophy.

PETER TOWNSEND AUSTEN, PH.D., F.C.S.,
Assistant Professor of Analytical Chemistry.

GEORGE W. ATHERTON, A.M.,
Librarian.

ISAAC EDGAR HASBROUCK, A.M.,
Assistant Librarian.

The names of Professors are arranged according to seniority of appointment, with the exception of the President's.

Catalogue of Students

For the Year Beginning Sept. 20, 1878.

RESIDENT GRADUATES.

Names.	*Residences.*	*Rooms.*
John Edward Elmendorf,	New Brunswick,	39 Albany St.
Sei-Ichi-Kudo,	Tokei, Japan,	9 Paterson St.
Howard Davidson Terhune,	New Brunswick,	149 George St.

SENIOR CLASS.

CLASSICAL SECTION.

Names.	*Residences.*	*Rooms.*
John Edmund Ackerman,	Dundee Lake,	59 Bayard St.
Joseph Elmer Aldrich,	Catskill, N.Y.,	30 Schureman St.
Abram Van Nest Baldwin,†	New Brunswick,	103 George St.
Albert Chamberlain Burt,	Brooklyn, L.I.,	146 French St.
Robert Anderson Cook,	New Brunswick,	Bleecker Place.
William Cramer,	Poughkeepsie, N.Y.,	86 Bayard St.
Clarence Stephens Davison,	Tarrytown, N.Y.,	79 George St.
Alfred Howard Demarest,	New Brunswick,	Seminary Place.
Louis Augustus DuBois,	Kingston, N.Y.,	59 Bayard St.
John Frelinghuysen,	Raritan,	62 Church St.
Theodore Frelinghuysen,	Newark,	Newark.
Isaac William Gowen,	New Brunswick,	72 Paterson St.
Herman Hageman, Jr.,	Readington,	19 Hertzog Hall.

† Partial.

Names.	*Residences.*	*Rooms.*
PETER KENNEY HAGEMAN,	Bound Brook,	Bound Brook.
EDWARD WOOLSEY JEWETT,	Poughkeepsie, N.Y.,	86 Bayard St.
WILLIAM KAMP,	Pella, Iowa,	146 French St.
SEAMAN MILLER,	Linlithgo, N.Y.,	Hamilton Ave.
ASHER MURRAY,	Delhi, N.Y.,	College Ave.
ABRAM VAN LIEW PUMYEA,	Three-Mile-Run,	Three-Mile-Run.
DEWITT GILBERT ROCKEFELLER,	Albany, N.Y.,	17 Hertzog Hall.
ERNEST LINWOOD RUNYON,	New Brunswick,	Hamilton Ave.
JOHN SCARLET,	South Branch,	36 Lee Ave.
CORNELIUS SCHENCK,	New Brunswick,	74 Bayard St.
EZEKIEL CARMAN SCUDDER, JR.,	Saugerties, N.Y.,	59 French St.
THEODORE SHAFER,	Cedar Hill, N.Y.,	1 Schuyler St.
JOHN LETSON STILLWELL,	Somerville,	21 Hertzog Hall.
JOHN TERHUNE,	Matawan,	59 Bayard St.
JOHN CLARENDON TODD,	Tarrytown, N.Y.,	78 Paterson St.
GEORGE VAN DERVEER,	Somerville,	62 Church St.
GEO. VREDENBURG VAN NESTE,	Weston,	Weston.
DAVID DEMAREST ZABRISKIE,	Ridgewood,	20½ Albany St.

SENIOR CLASS.

SCIENTIFIC SECTION.

Names.	*Residences.*	*Rooms.*
JESSE HAGEMAN BEEKMAN,‡	New Brunswick,	58 George St.
CONDICT WALKER CUTLER,	Morristown,	69 Albany St.
CHARLES MANNING FREEMAN,	Metuchen,	Metuchen.
GEORGE HILL,	East New Brunswick,	Raritan Av.
FRANKLIN MARSH,	Rahway,	Rahway.
TADANARI MATSDAIRA,†	Tokei, Japan,	4 Schuyler St.
ALFRED BERRY NELSON,	Piscataway,	Piscataway.
FRANCIS AUGUSTUS WILBER,	Parsippany,	27 George St.

‡ Special.
† Partial.

JUNIOR CLASS.

CLASSICAL SECTION.

Names.	*Residences.*	*Rooms.*
CHARLES STUART AITKIN,	Trenton,	Trenton.
THOMAS WOODHOUSE BAKEWELL,	Pittsburg, Pa.,	95 Hamilton St.
HERBERT HENRY CAMERON,	Albany,	Hamilton St.
CHARLES FREEMAN CANTINE,	Saugerties, N.Y.,	79 George St.
EDWARD CLOSE DELAVAN, JR.,	New York City,	78 Paterson St.
NATHAN HENRY DEMAREST,	New York City,	32 Hertzog Hall.
WILLIAM ALEXANDER DUMONT,	Bedminster,	4 French St.
PIERRE ST. JOHN GILLESPY,	Saugerties, N.Y.,	85 Bayard St.
GREGORY RICHARD GILLMORE,	New York City,	110 George St.
RICHARD MORRIS GREENBANK,	Philadelphia, Pa.,	Bayard St.
GILBERT D. B. HASBROUCK,	Port Ewen, N.Y.,	61 Bayard St.
WALTER D. HASBROUCK,	Orangeburg, N.Y.,	61 Bayard St.
CHARLES ARTHUR HORN,	Brooklyn, N.Y.,	35 Schureman St.
EGBERT LEFEVRE,	Middlebush,	Middlebush.
FREDERICK WILKINSON OLCOTT,	Millstone,	Millstone.
EDMUND RAWSON PALMER,	New Brunswick,	College Ave.
CLARENCE MATHER PERLEE,	New York City,	6 Paterson St.
THOMAS M. FITZ RANDOLPH,	Morristown,	79 George St.
MILLARD F. ROSS,	New Brunswick,	50 New St.
GEORGE WASHINGTON SCARLET,	South Branch,	36 Lee Ave.
EDWIN FRANCIS SEE,	Tarrytown, N.Y.,	44 Hertzog Hall.
BEVIER HASBROUCK SLEIGHT,	Sleight's Burg, N.Y.,	Hamilton St.
JOHN L. SUYDAM,	Three-Mile-Run,	Three-Mile-Run.
STEPHEN VEDDER TEN EYCK,	New Brunswick,	48 Bayard St.
WILLIAM VAN DOREN,	Middlebush,	Middlebush.
JOSEPH APPLETON VAN MATER,	Marlboro,	79 George St.
SHERMAN VAN NESS, JR.,	Hudson, N.Y.,	95 Hamilton St.
BENJAMIN MILLER VAN SYCKEL,	Newark,	Newark.

Names.	*Residences.*	*Rooms.*
WILLIAM VAUGHAN,	Strong, Me.,	48 Hertzog Hall.
NATHANIEL W. VOORHEES, JR.,	Clinton,	6 Paterson St.
FREDERICK WEIGEL,	New Brunswick,	214 Burnet St.
JOSEPH WOLFSON,	New Brunswick,	242 Burnet St.

SCIENTIFIC SECTION.

FRANKLIN AVERY CHAPMAN,†	Madison,	101 George St.
OAKLEY A. JOHNSON,	Hackettstown,	
JOHN TRUMBULL MARSHALL,	Metuchen,	Metuchen.
WILLIAM DAVIS SCHOONMAKER,	Stone Ridge, N.Y.,	2 College Ave.
THEODORE VAN DEVENTER,†	New Brunswick,	84 Somerset St.
CHARLES STRONG VAN NUIS,	New Brunswick,	Voorhees Station.

SOPHOMORE CLASS.

CLASSICAL SECTION.

Names.	*Residences.*	*Rooms.*
RICHARD AMERMAN ANTHONY,	Newark,	Newark.
THEODORE BURGES BOORAEM, JR.,	New Brunswick,	54 Bayard St.
JESSE WENDELL BROOKS,	Cheshire, Conn.,	4 French St.
GARDNER HALE CAIN,	Harlingen,	78 Bayard St.
MARION TOWNSEND CONKLIN,†	Kingston, N.Y.,	30 Hertzog Hall.
LEWIS CORY,	San Jose, Cal.,	78 Bayard St.
JOSIAH ELMER CRANE,	Fair Oaks, N.Y.,	36 Lee Ave.
HENRY JOHN DE VRIES,	Sayville, L.I.,	63 Bayard St.
GEORGE FIELDER,	New Brunswick,	College Ave.
ADDISON HOWARD GRIFFING,	River Head, L.I.,	63 Bayard St.
CORNELIUS ISAAC HARING,	Nyack Turnp'k, N.Y.,	78 Bayard St.
RICHARD CHARLES HARRINGTON,	Newark,	Newark.
CHARLES NORTON IRONSIDE,	Covington, Ky.,	73 Albany St.

† Partial.

Names.	*Residences.*	*Rooms.*
MARTIN WYCKOFF LANE,	Neshanic,	78 Bayard St.
ROBERT LEFFERTS,	Flatbush, L.I.,	69 Albany St.
CHARLES EDWARD LORD,	Metuchen,	Metuchen.
JOEL LOUCKS,	Palatine Br'dg, N.Y.,	30 Hertzog H.
WILLIAM MACNAIR,	Bedminster,	98 Somerset St.
GEORGE BYRON MCCHESNEY,	New Brunswick,	73 Albany St.
HENRY DU BOIS MULFORD,	Hudson, N.Y.,	92 Bayard St.
JOHN CLIFFORD PERRINE,†	Pennington,	Trenton.
WILLIAM SCHMITZ, JR.	Brooklyn, N.Y.,	28 Hertzog Hall.
OLIVER PARSELL SCHNEEWEISS,	New Brunswick,	126 George St.
CHESTER BOYDEN SCHOONMAKER,	Stone Ridge, N.Y.,	30 George St.
GEORGE HENRY STEVENS,	N. Branch, R.R. Ave.,	cor. S'n St.
CORNELIUS W. STRYKER,	Rhinebeck, N.Y.,	152 George St.
LIVINGSTON LUDLOW TAYLOR,	Newark,	Newark.
AUGUSTUS FERDINAND TODD, JR.†	Wurtsboro, N.Y.,	78 Bayard St.
IRVING STRONG UPSON,	Marion, Conn.,	44 Hertzog Hall.
JOHN RUSSELL VERBRYCKE,	New Brunswick,	20 Church St.
JAMES MARSHALL VAN DEUSEN,	Hudson, N.Y.,	92 Bayard St.
EDWARD BURNETT VOORHEES,	South Branch,	92 Bayard St.
JAMES SYLVESTER WIGHT,	Jersey City,	78 Bayard St.
A. AUGUSTUS WILLIAMSON,	New Brunswick,	34 George St.
GARRET GARRETSON WYCKOFF,	Roysfield,	98 Somerset St.

SCIENTIFIC SECTION.

JOHN BRUERE,	New Egypt,	73 Albany St.
FRED W. DENISE,	Freehold,	79 George St.
THOMAS HENRY GRANT,	Red Bank,	9 Paterson St.
JOHN KINNAN HOW,†	Voorhees Station,	Voorhees Stat'n.
FREDERICK WILLIAM MALCOLM,	New York City,	86 Bayard St.
JOHN FORSYTH MCWILLIAM,	Millstone,	Millstone.
ROBERT CECIL PLUME,	Jersey City,	92 Bayard St.
CHARLES STRONG RUSLING,	Lawrenceville, Pa.,	201 Burnet St.

† Partial.

FRESHMAN CLASS.

CLASSICAL SECTION.

Names.	*Residences.*	*Rooms.*
John Bartlett Alden,	Catskill, N.Y.,	Metuchen.
Theodore Amerman Beekman,	South Branch,	36 Lee Ave.
Jacob Chester Chamberlain,	Mudnapilly, India,	Sem'y Place.
William Isaac Chamberlain,	Mudnapilly, India,	Sem'y Place.
Will. Stockton Cranmer,	Jersey City,	16 Hertzog Hall.
Charles Leavitt Edgar,	Griggstown,	74 Bayard St.
John Hamilton Gillespie,	Jersey City,	14 Hertzog Hall.
Joseph Hover,	New Brunswick,	47 Albany St.
Howard Mellville Lansing,	Brooklyn, N.Y.,	4 French St.
William Fred. Middelegge,	Jersey City,	4 Easton Ave.
Edwin Oscar Moffett,	South Plainfield,	Plainfield.
John Morrison,	Fishkill-on-Hudson, N.Y.,	16 H. H.
Walter Newell,	New Brunswick,	146 George St.
James Avery Norris,	Shavertown, N.Y.,	75 George St.
James Powers Philip,	Catskill, N.Y.,	4 French St.
Nelson DeWitt Pumyea,	Three-Mile-Run,	Three-Mile-Run.
Philip Wilson Pitcher,	Up.-Red-Hook, N.Y.,	74 Bayard St.
Edgar F. Randolph,	Morristown,	George St.
Myron Tracy Scudder,	Up.-Red-Hook, N.Y.,	59 French St.
Daniel Wesley Skellenger,	Chester,	75 George St.
Rynier J. Wortendyke,	Jersey City,	Jersey City.

SCIENTIFIC SECTION.

James Howard Aitkin,	Trenton,	Trenton.
Owen Benj. Franklin Allen,	Allenwood,	South N. Brunswick.

Names.	*Residences.*	*Rooms.*
ANDREW KING BAKER,	Dover,	27 George St.
FREDERICK WAGONER BENNETT,	Cape May C.H.,	27 George St.
JOHN NEWTON BERNART,	Boardville,	98 Somerset St.
PHILIP H. BEVIER,	Gardiner, N.Y.,	98 Somerset St.
FRANK STRONG CURTIS,	New Brunswick,	Livingston Ave.
THEODORE DEWITT,‡	New Brunswick,	Seminary Place.
GEORGE FREDERICK HILL,	Metuchen,	Metuchen.
NATHANIEL B. KLINK HOFFMAN,	Readington,	Rail Road Ave.
GEORGE HENRY JOHNSON,	New Brunswick,	8 George St.
ANDREW JACKSON MANNING, JR.,	Plainfield,	Plainfield.
CHARLES HARRISON ROGERS,	New Brunswick,	25 Albany St.
N. DUNHAM VANSYCKEL,	Bound Brook,	67 Church St.
WASHINGTON WILSON,	Metuchen,	Metuchen.

‡ Special.

Recapitulation.

NEW JERSEY,	100
NEW YORK,	46
CONNECTICUT,	2
IOWA,	1
MAINE,	1
PENNSYLVANIA,	3
INDIA,	2
JAPAN,	2
CALIFORNIA,	1
KENTUCKY,	1
TOTAL,	159

SUMMARY.

RESIDENT GRADUATES,	3

CLASSICAL DEPARTMENT.

SENIORS,	31
JUNIORS,	32
SOPHOMORES,	35
FRESHMEN,	21

SCIENTIFIC DEPARTMENT.

SENIORS,	8
JUNIORS,	6
SOPHOMORES,	8
FRESHMEN,	15
TOTAL IN COLLEGE,	159

Classical Department.

1. Conditions of Admission.

Every applicant for admission must submit to the President proper testimonials of a good moral character.

Examinations for admission to the College will be held on Friday and Saturday before Commencement, (June 13th and 14th,) beginning at 9 o'clock A. M., in the President's room. All who can do so are desired to present themselves on Friday. Applicants for admission may also be examined on Monday, September 22d, at the same hour and place.

Candidates for advanced classes must sustain a satisfactory examination upon the subjects previously studied by the class which they propose to enter, as well as those required for admission into the Freshman Class. Under this regulation students are admitted at any time during the Collegiate year.

Students who desire to pursue selected branches of study may do so, if properly prepared to pursue them with the regular classes. Special provision is made for such students in the Scientific Department.

The following, or a full equivalent, are the requirements for admission to the Freshman Class:

LATIN—Andrews and Stoddard's or Harkness' Grammar; Fischer's Manual of Latin Grammar and Composition—First Part; Cæsar's Gallic War; Six Books of the Æneid; Cicero's Orations against Catiline, on the Manilian Law, for the Poet Archias, and for King Deiotarus.

GREEK.—Hadley's Greek Grammar, including Prosody; Xenophon's Anabasis—three books; Arnold's First Greek Book, entire; Three books of Homer's Iliad, and twenty sections of Arnold's Greek Prose Composition, or its equivalent.

ENGLISH AND MATHEMATICS.—Arithmetic complete, including the Metric system; Algebra, to Quadratic Equations; Plane Geometry—three books, including Exercises; Ancient and Modern Geography; English Grammar and Spelling; History of the United States.

GERMAN.—At and after the examination of 1879 so much German will be required as is found in Ahn's Grammar, (Fischer's Edition), or its equivalent. Any condition in this subject must be made up before the close of the Sophomore year.

2. *Suggestions in regard to Preparation.*

LATIN.—In preparing in Latin, the student should give more attention to the prose than the poetry of the language.

Besides the common rules he should be thoroughly drilled in the use of the moods and tenses, the consecution of tenses, the gerundive construction, etc., and should be taught to analyze the sentence into its different parts.

Fischer's Elements of Latin Grammar and Reader should be used in preparation as the best book to give thorough instruction in the elements of Latin.

LATIN COMPOSITION.—It is recommended that the student should begin the study of the language with Fischer's Manual, and that he should have as much exercise in writing Latin as possible.

PRONUNCIATION.—The system followed is the Roman, as given in Fischer's Manual. For correctness of pronunciation, the rules of prosody are necessary to those who have not been thoroughly accustomed to the correct sound of the Latin words.

EXAMINATIONS.—The examination is conducted in writing.

GREEK.—The examination will be: I. In Hadley's Grammar. The applicant must be thoroughly familiar with the leading principles of the whole Grammar, including accent and quantity.

II. In Arnold's First Greek Book. The whole of this is required.

III. In pronunciation the accent must be followed in prose; but in poetry, regard will be had only to quantity.

While Arnold's First Greek Book, Xenophon's Anabasis (three books), and Homer's Iliad (three books), are the basis of examination, other authors will be taken instead, provided the pupil can pass upon a *full* equivalent.

MATHEMATICS.—Attention is especially called to the Metric System of Weights and Measures, a practical knowledge of which is indispensable, since it is *used* in the class room, and to the subject of Radicals, in which a deficiency of preparation is most frequently apparent.

In preparing in Mathematics the student should not only have a thorough knowledge of the subjects required, *but he should acquire a proficiency and readiness in the application of the principles, and to that*

end the solution of numerous and varied examples is earnestly recommended. It is also desirable to cultivate habits of neatness and order in the presentation of work on the blackboard.

ENGLISH GRAMMAR AND GEOGRAPHY.—A good knowledge of *English Grammar* in all its parts is required for admission. This is presupposed in the studies that follow. The candidate is also examined in spelling, reading and punctuation. Ancient Geography should be studied in connection with the Classical Authors; and Modern Geography, including both Descriptive and Physical, is an essential requisite.

HISTORY.—Candidates for admission are examined in the History of the United States, with special reference to the colonization of the several States, the forms of government which existed previous to the Revolution, the causes and principal events of the Revolution, the period of the Confederation, the establishment of the Federal Constitution, with the general history subsequent to that event.

Seavey's Goodrich's History of the United States is considered the best book to use in preparation; and it will be taken as the standard for examination. This work is also recommended to the Public Schools of New Jersey by the State Superintendent of Public Instruction. A full equivalent, however, will be accepted; more regard being paid to the quality of the preparation than to the particular book used.

3. *Course of Instruction.*

The COURSE OF INSTRUCTION occupies four years, with three terms or sessions in each year.

The following is a scheme of the studies of the course. This scheme is not always strictly followed, either in the order of studies or the use of the particular text-books named; but it furnishes an exhibit of the amount of work required of students during the four years, and may indicate to candidates for advanced standing the equivalents which will be accepted from them:—

FRESHMAN CLASS.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Cicero de Amicitia; Fischer's Manual of Composition. 2. *Greek*—Homer's Odyssey (three books), Arnold's Greek Prose Composition. 3. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 4. *Natural History*—Dalton's Physiology; Lectures. 5. *Rhetoric*—Haven; Lectures.

SECOND TERM.

1. *Latin*—Livy; Fischer's Manual of Composition; Mythology (Eschenberg). 2. *Greek*—Lucian's Timon, and one Phillipic of Demosthenes; Arnold's Greek Prose Composition. 3. *Mathematics*—Loomis' Algebra completed; Loomis' Geometry, from Book IV. 4. *Natural History*—Zoology. 5. *English Literature*—Hadley's History of the English Language. 6. *Elocution*—Lectures.

THIRD TERM.

1. *Latin*—Cicero de Officiis; Fischer's Manual of Composition. 2. *Greek*—Thucydides, Two Books; Arnold's Greek Prose Composition, complete. 3. *Mathematics*—Loomis' Geometry completed. 4. *Natural History*—Gray's Botany. 5. *English Literature*—Lounsbury's Edition of Chaucer's Parlament of Foules.

Sophomore Class.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Latin*—Tacitus, Latin Composition. 2. *Greek*—Sophocles' Electra; Prose Composition—Boise's Greek Exercises; Lectures on Greek Literature. 3. *Mathematics*—Olney's Trigonometry, Plane and Spherical, with application to Surveying. 4. *Modern History*—Freeman's Outlines, with Written Essays.

SECOND TERM.

1. *Latin*—Plautus; Horace; Latin Composition. 2. *Greek*—Demosthenes on the Crown, Tyler or D'Ooge; Boise's Greek Exercises; Lectures on Numismatics, with Illustrations. 3. *Mathematics*—Trigonometry completed, Analytical (or general) Geometry, Olney. 4. *Modern History*—Freeman's Outlines with Written Essays.

THIRD TERM.

1. *Latin*—Juvenal; Quintilian; Latin Composition. 2. *Greek*—Aristophanes' Birds; Boise's Greek Exercises completed; Greek Antiquities; Lectures on the History and Deciphering of Manuscripts, with Illustrations. 3. *Mathematics*—Analytical Geometry completed. 4. *Constitutional History of England*—Creasy.

JUNIOR CLASS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Natural Philosophy*—Deschanel. 2. *Chemistry*—Lectures on Inorganic Chemistry. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy and Lectures. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mathematics*—Differential and Integral Calculus, Olney. 3. *Analytical Chemistry*—Laboratory Practice and Lectures on the Theory of Analysis.

SECOND TERM.

1. *Natural Philosophy*—Deschanel. 2. *Chemistry*—Lectures on Inorganic Chemistry and Mineralogy. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy and Lectures. *Logic*—Thompson's Outlines of the Laws of Thought. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Plato's Phædo, Wagner's Edition; Wilkin's Manual of Composition. 2. *Mathematics*—Calculus completed. 3. *Analytical Chemistry*—Laboratory Practice and Lectures on the Theory of Analysis.

THIRD TERM.

1. *Astronomy.* 2. *Chemistry*—Lectures. 3. *History of Civilization*—Guizot. 4. *German.* 5. *Elective Studies*—One of which is to be pursued. 1. *Latin.* 2. *Mechanics*—Wood's Analytical Mechanics. 3. *Analytical Chemistry*—Laboratory Practice and Lectures on the Theory of Analysis.

SENIOR CLASS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Chemistry*—Lectures on Organic Chemistry and Chemical Physics. 2. *Political Economy*—Bowen, and Perry; Lectures. 3. *Moral Philosophy*—Calderwood's Handbook; Lectures. 4. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Buchholz' Anthology; Trendelenberg's Elementa Logices Aristoteleæ; Wilkin's Manual of Composition. 2. *Astronomy*—With use of Instruments. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice and Lectures on the Theory of Analysis. 5. *Hebrew*—Extra.

SECOND TERM.

1. *Chemistry*—Lectures on Organic Chemistry and Chemical Physics. 2. *International Law*—Woolsey; Lectures. 3. *Constitution of the United States*—Pomeroy. 4. *Moral Philosophy*—Butler's Analogy. 5. *Elective Studies*—One of which is to be pursued. 1. *Latin*. 2. *Geodesy*—Lectures. 3. *Modern Languages*—German. 4. *Analytical Chemistry*—Laboratory Practice, and Lectures on the Theory of Analysis. 5. *Hebrew*—Extra.

THIRD TERM.

1. *Geology*—Lectures. 2. *Architecture*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Elective Studies*—One of which is to be pursued. 1. *Greek*—Porphyry's Isagoge and Aristotle's Categoriæ, Bekker's Edition. Lectures on the Organon. 2. *Modern Languages*—German. 3. *Analytical Chemistry*—Laboratory Practice, and Lectures on the Theory of Analysis. 4. *Hebrew*—Extra.

4. *Remarks on the Course of Study.*

In the above schedule all the Studies up to the close of the Sophomore year are obligatory, and are intended to be of such a character as will be equally desirable whatever subsequent profession or career is chosen. During the Junior and Senior years some subjects are required of all regular students, while several others are made elective, one at least of which must be pursued.

MORAL PHILOSOPHY AND THE EVIDENCES OF CHRISTIANITY.

Moral Philosophy is taught during the Senior year by the study of text-books, by comments, and criticisms, and by lectures. A course of Biblical Instruction continues throughout the entire four years. A Sabbath morning Bible lesson, which all the students attend, is devoted to the critical study of the Scriptures—especially the Greek New Testament. Hebrew is taught as an extra study during the Senior year.

LANGUAGES.

Latin—Prose authors of the Classical period are read first, and the thorough grammatical drill is given upon the language in its most correct form. Next a Prose Author of the post-classical period is read. Then the poets, at least one in each literary period, are taken up in their chronological order. The course is concluded with a rhetorical and a philosophical treatise. Exercises in Latin Composition are continually required of the student.

Greek—The Classical Greek authors are read during the entire Freshman and Sophomore years, one term of the Junior, and two terms of the Senior year. The course is intended to embrace at least one complete treatise from a leading author belonging to each period from Homer to Lucian. And while the amount read is distinctly indicated by the Catalogue, it is the purpose to vary the authors, or portions from the same author, every year. Term examinations are entirely in writing. They are from printed slips, different for each pupil, containing the passages for translation, with accompanying questions.

Promising students are encouraged to take special courses of study, in addition to the regular class work; and private instruction, supplemented by an efficient Library, is constantly given without charge. Assistance is also offered in Chaldee, Arabic and Sanskrit. The following books of reference are recommended; Smith's Classical Dictionaries, 6 vols; Jelf's Greek Grammar; Becker's Charicles; Liddell and Scott's Lexicon, 6th Oxford Edition.

English Language and Literature.—In addition to Hadley's History of the English Language, and Lounsbury's Edition of Chaucer's Parlament of Foules, used as text-books in Freshman year, conversational lectures are given upon the most distinguished authors and their chief works. Special pains is taken in directing the student to a carefully selected Course of Reading, and in inspiring him to cultivate a critical literary taste.

French and German are studied during the Junior and Senior years, and while the correct use and pronunciation of the spoken languages are taught, special stress is laid upon the ability to read with fluency the standard authors. The Seniors have frequent practice in German conversational exercises.

Hebrew—This language is taught as an extra study during the Senior year to those who desire it.

MATHEMATICS, NATURAL PHILOSOPHY AND ASTRONOMY.

The required studies in Mathematics include Geometry with problems and exercises in Geometrical invention, Algebra, Plane and Spherical Trigonometry, with application to problems in Surveying and Astronomy, and Analytical Geometry. The last embraces the construction of equations and the geometrical interpretation of their roots real and imaginary, the production of equations from plane loci, and the properties of Conic Sections. These studies are pursued during the first two years of the course.

Those who wish to become acquainted with the more elegant and productive methods of Mathematical investigation have an opportunity to do so by electing in the Junior year the study of the Calculus and its applications. This branch considers quantity in a state of change, and shows the nature and use of infinitesimals in investigating the relations of quantities.

Care is taken throughout that every principle receives a rigorous demonstration and that applications are made of it as far as practicable. No principle is thoroughly learned by the student until he can apply it.

Natural Philosophy and Astronomy are studied through the Junior year by both the Classical and Scientific Sections. These studies are accompanied with frequent Lectures and are amply illustrated by the use of an extensive supply of apparatus and instruments.

The study of Practical Astronomy with the use of the instruments of the Observatory is optional in the Senior year.

NATURAL HISTORY AND CHEMISTRY.

The course in this department begins with the Freshman year, in which the leading subjects of Natural History are taught. Subsequently the instruction is by lectures, and covers the ground of Chemistry, Chemical Physics, Technology and Geology. The instruction is constantly accompanied by experiments and illustrations. In the Junior and Senior years students may elect a course in Analytical Chemistry with Laboratory Practice and Lectures. The experimental studies in this department have proved remarkably attractive and profitable to those intending to devote themselves to Law or Medicine, or to business pursuits.

During the first term of the Junior year Blowpipe Analysis is taught. The students after learning the necessary manipulations for blowing glass, repeat the experiments in Nason and Chandler's Blowpipe Analysis. When they have become conversant with the various reactions, they proceed to actual analysis, or detection of substances by the blowpipe. Commencing with substances containing two or three elements, they are in a short time able to analyze complex compo nds. Toward the end of the course, lectures and recitations are held.

At the examination, the student is given substances to analyze, and his standing is determined by the correctness of his analyses.

After analyzing thirty to forty substances by the blowpipe, the student passes into the larger Laboratory, where he begins his studies in Qualitative Analysis. Here in a similar manner he learns the reactions, makes the tests, and proceeds rapidly from analysis of simple substances to the most complex. The theory of analysis is minutely explained in the lectures on the subject. Quantitative Analysis now follows. The student having learned the means of detecting the constituents of a substance, proceeds to the determination of their *amount*. He first analyzes pure salts of known composition, so that his results may be compared with the theoretical percentages. Having obtained a sufficient accuracy in his work, he analyzes substances of unknown composition as minerals, metals, ores, waters, urines, poisons, fertilizers, coals, etc. Having thus become thoroughly acquainted with the theory and practice of analytical chemistry, the student undertakes original experimental investigations in the various branches of pure and applied chemistry.

RHETORIC AND METAPHYSICS.

Elocution.—During the Freshman year lectures are delivered on the general principles of Elocution, and a practical application of these principles is made by appropriate exercises in Declamation, in which the members of the class are carefully drilled. In addition to this there are exercises in Oratory by all the students, both in the class-room and in the College Chapel. The Freshman and Sophomore classes use selected pieces, and the Juniors and Seniors are required to deliver original orations.

In the department of Rhetoric begun during the Freshman year an effort is made to teach the principles of Composition, not as laid down in mechanical rules, but as springing from psychological laws and relations. Ideas presented in accordance with various mental requirements and influences are shown to contain the true philosophy of rational and effective discourse. And illustrative references to the Masterpieces of Oratory, and to other forms of the best English Classical Literature are freely given. Essays are required throughout the entire course.

Mental Philosophy—Porter's Elements of Intellectual Philosophy is employed as a text-book during the first term and a part of the second term of the Junior year. The characteristic doctrines of the Distinctive Schools in Ancient and Modern Philosophy are presented in a course of Lectures upon the representative thinkers in these schools. Much attention is paid to the most important

Philosophical and Metaphysical questions at issue among living speculators. And the results of recent critical discussions together with comments are interspersed with the daily recitations. The student is urged to become familiar with some of the works of Plato translated by Jowett, of Locke, Berkley, Reid, Dugald Stewart, Thomas Brown, Hamilton, Coleridge, J. S. Mill, Herbert Spencer; and with the summaries of the systems of Kant, Fichte, Schelling, Hegel, and of others found in Ueberweg's History of Philosophy.

LOGIC is taught by a text-book, but special care is taken to enforce a practical application of logical formulas in the resolution of arguments, and the detection of sophistries. To this end illustrative examples are drawn from different authors and much oral instruction is given.

HISTORY, POLITICAL ECONOMY AND CONSTITUTIONAL LAW.

The scheme of studies in this department includes an outline sketch of Modern History, beginning with the downfall of the Roman Empire and tracing the formation and growth of modern states; a view of the philosophy of history as given by Guizot: and a study of the leading principles of Political Economy, Constitutional Law (with special reference to the Constitutions of Great Britain and the United States) and International Law. Instruction is given by text-books, lectures and conversational discussions. The following among others, are recommended to students as books of reference: Hallam, and Stubbs, on the English Constitution; the Federalist, Story, Kent, Jameson, Curtis, and Von Holst, on the Constitution of the United States; Kent, Woolsey, Wheaton, and Phillimore, on International Law; Adam Smith (Rogers' edition), Mill, Fawcett, Cairnes, and Carey, on Political Economy. These studies begin in the Sophomore year and are continued during portions of the two following years.

Scientific Department.

RUTGERS SCIENTIFIC SCHOOL.

BY ACT OF THE LEGISLATURE CONSTITUTED THE STATE COLLEGE FOR AGRICULTURE AND THE MECHANIC ARTS.

BOARD OF VISITORS,

(APPOINTED BY THE GOVERNOR.)

FIRST CONGRESSIONAL DISTRICT.

	Residences.	*Terms Expire.*
THOMAS H. DUDLEY,	CAMDEN,	April 12, 1880.
CHALKLEY ALBERTSON, Esq.,	HADDONFIELD,	April 12, 1880.

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HON. WILLIAM PARRY,	CINNAMINSON,	April 12, 1879.
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OFFICERS:

HON. WILLIAM PARRY, *Chairman.*

GEORGE H. COOK, *Secretary.*

1. *Conditions of Admission.*

Every applicant for admission must be sixteen years of age and must submit to the President proper testimonials of a good moral character. If an applicant for a State Scholarship, he must also present to the President a certificate of appointment from the County Superintendent.

Examinations for admission will be held on the same days as for the Classical Department, viz.: on the Friday and Saturday preceding Commencement, June 13th and 14th, beginning at 9 o'clock, A.M., in the President's room. Applicants for admission may also be examined on Tuesday, September 23d, at the same hour and place.

Students may enter an advanced class either at the beginning of the College year or at other times, on condition that they sustain a satisfactory examination both on the preliminary studies and on those already passed over by the class which they propose to enter.

Provision is made for such students as wish to devote themselves to special subjects, if they are prepared to go on profitably with the regular classes in those subjects.

The following are the subjects on which those desiring to enter the Freshman class of the Scientific Department are examined. As they are all such as can be acquired in our best common schools, it is insisted that the preparation in them shall be thorough and complete.

1. Arithmetic complete. 2. Algebra, to Quadratic Equations. 3. Plane Geometry—three books. At and after the examination of 1879, Algebra to Series, and from 1880, the *whole* of Plane Geometry will be required. 4. English Grammar—including spelling. 5. Descriptive Geography. 6. Physical Geography. 7. History of the United States.

In preparing the student for this course, it is recommended that he be drilled thoroughly in Arithmetic, as a clear understanding of its simple elementary, and practical principles is essential to a good Mathematician. His preparation in Algebra also to Series should be as complete. In addition to learning the PRINCIPLES of the science he must fix them in his mind, and learn their bearing and utility, and for this reason he must pay great attention to the solution of practical examples. What is needed is ability to solve ordinary examples with facility and explain them thoroughly.

Attention is especially called to the Metric System of Weights and Measures, a practical knowledge of which is indispensable, since it is *used* in the class-room.

2. *Courses of Study.*

Three distinct courses of study are included in the Schedule which follows:

I. A COURSE IN CIVIL ENGINEERING AND MECHANICS.
II. A COURSE IN CHEMISTRY AND AGRICULTURE.
III. A SPECIAL COURSE IN CHEMISTRY.

During the first and second years the studies of the two full courses are the same, and are designed to furnish a suitable introduction to the pursuit of the higher branches in either.

During the last two years the subjects of Higher Mathematics, Mechanics and Engineering in the Engineering course are replaced by Analytical Chemistry, practice in the Laboratory, and Agriculture, in the other. The remaining subjects are pursued by the students of both courses together.

The course of study for the first two years in this Department is arranged so as to be complete in itself. It is especially designed to meet the wants of those who cannot take the entire four years' course, but who desire to fit themselves as Land Surveyors. Students leaving at this period of the course, receive from the Faculty a certificate of their attainments.

Students in this Department have daily practice in Draughting, with exercises and problems in Geometrical Constructions, in Descriptive Geometry, Topographical, Mechanical and Architectural Drawing, and in Graphical Statics. At present, several students who have acquired sufficient skill obtain positions as draughtsmen in various offices in the City.

SPECIAL STUDENTS are received, and allowed to take any part of the above course, provided their previous education is sufficient; and particular provision is made for them, especially in the Laboratory, in Mathematics, Surveying and Draughting.

THE SPECIAL COURSE in Chemistry and Agriculture occupies two years. The Laboratory is open from 9 A.M. until 5 P.M.

Students are instructed in Blowpipe Analysis; Determinative Mineralogy; Analysis of Ores, Minerals, Coals, Waters, Technological Products, etc.; Assaying; Analysis of Soils, Fertilizers, Agricultural Products and Foods; Volumetric Analysis of Gases; Detection of Poisons; Analysis of Urine and Animal Products and Microscopical examinations. The course of study depends to some extent upon the student's future pursuit in life.

MILITARY TACTICS.—In accordance with the requirements of the Law, provision is made in this Department for the study of Military Tactics.

SPECIAL PROVISION IS ALSO MADE FOR STUDENTS WHO DESIRE, AFTER COMPLETING THE REGULAR COURSE OF STUDY, TO TAKE POST-GRADUATE STUDIES.

In connection with the instruction in Agriculture in this Department, the Trustees maintain an extensive model farm, designed to illustrate the principles of agriculture, and also to test by experiment the value of different systems. It is under the charge of the Professor of Agriculture, and *every Wednesday* during term time will be devoted to giving upon the farm explanations of the experiments and their results, to the students in agriculture, as well as to any farmers who may desire to avail themselves of this privilege.

3. *Organization.*

This department of the College has been designated by the Legislature of New Jersey, in accordance with the law of Congress:

THE STATE COLLEGE FOR THE BENEFIT OF AGRICULTURE AND THE MECHANIC ARTS.

Under this law, a certain number of students from the State of New Jersey are received into this department of the College, and educated free of expense for tuition. The law also provides for the appointment by the Governor of a Board of Visitors, two from each Congressional District, who possess general powers of supervision and control. The State pupils are admitted on the recommendation of the Superintendent of Schools in each county. They are distributed among the counties in proportion to their population as follows:

STATE SCHOLARSHIPS.

Atlantic,	1	Middlesex,	2
Bergen,	1	Monmouth,	2
Burlington,	3	Morris,	2
Camden,	2	Ocean,	1
Cape May,	1	Passaic,	2
Cumberland,	1	Salem,	1
Essex,	6	Somerset,	1
Gloucester,	1	Sussex,	1
Hudson,	4	Union,	2
Hunterdon,	2	Warren,	2
Mercer,	2		
			40

COURSES OF STUDY.

FRESHMAN YEAR.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *French.* 2. *Mathematics*—Loomis' Algebra, from Quadratic Equations. 3. *Natural History*—Dalton's Physiology; Lectures. 4. *Rhetoric*—Haven; Lectures. 5. *Draughting*—Practical Geometry, plane.

SECOND TERM.

1. *French.* 2. *Mathematics*—Loomis' Geometry, from Book IV. 3. *Natural History*—Zoology; Lectures. 4. *Elocution*—Lectures. 5. *English Literature*—Hadley's History of the English Language. 6. *Draughting*—Coloring, Topographical Signs, &c.

THIRD TERM.

1. *French.* 2. *Mathematics*—Loomis' Trigonometry, Plane and Spherical. 3. *Natural History*—Gray's Botany; Lectures. 4. *English Literature*—Lounsbury's Edition of Chaucer's Parlament of Foules; Lectures. 5. *Draughting*—Mapping, with Sections, &c.

SOPHOMORE YEAR.

Exercises during the year in Composition and Declamation.
Bible Class each Sabbath morning.

FIRST TERM.

1. *Surveying*—Murray's Manual; Field Exercises and Mapping. 2. *Descriptive Geometry*—Church. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 5. *History*—Freeman's Outlines. 6. *Draughting*—Practical Geometry, solid.

SECOND TERM.

1. *Descriptive Geometry*—Church; Construction of Problems; Navigation and Railroad Curves. 2. *Chemistry*—Lectures. 3. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 4. *History*—Freeman's Outlines. 5. *Draughting*—Intersection of Surfaces, &c.

THIRD TERM.

1. *Leveling and Railroad Curves*—Henck's Field Book; Field Practice, and Plotting. 2. *Shades, Shadows and Perspective*—Church; Construction of Problems. 3. *Chemistry*—Lectures. 4. *Mental Philosophy*—Porter's Elements of Intellectual Philosophy. 5. *History*—Creasy's Constitutional History of England. 6. *Draughting*—Linear Perspective, &c.

JUNIOR YEAR.

COURSE IN CIVIL ENGINEERING AND MECHANICS.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Analytical Geometry*—Olney. 3. *Natural Philosophy*—Deschanel. 4. *History of Civilization*—Guizot. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting*—Lettering, &c.

SECOND TERM.

1. *German.* 2. *Analytical Geometry, completed; Differential and Integral Calculus*—Olney. 3. *Natural Philosophy*—Deschanel. 4. *Political Economy*—Bowen, and Perry. 5. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 6. *Draughting*—Shading, &c.

THIRD TERM.

1. *German.* 2. *Calculus completed.* 3. *Astronomy.* 4. *International Law*—Woolsey. 5. *Draughting*—Constructions.

JUNIOR YEAR.

COURSE IN CHEMISTRY AND AGRICULTURE.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *German.* 2. *Mineralogy and Analytical Chemistry*—Text-book, with Laboratory Practice and Lectures on the Theory of Analysis. 3. *Agriculture*—Lectures at the Farm. 4. *Natural Philosophy*—Deschanel. 5. *History of Civilization*—Guizot. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 7. *Draughting*—Lettering, &c.

SECOND TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice and Lectures on the Theory of Analysis. 3. *Agriculture*—Lectures. 4. *Natural Philosophy*—Deschanel. 5. *Political Economy*—Bowen, and Perry. 6. *Constitutional History of the United States*—Text-book (Andrews), and Lectures. 7. *Draughting*—Shading, &c.

THIRD TERM.

1. *German.* 2. *Analytical Chemistry*—Text-book, with Laboratory Practice and Lectures on the Theory of Analysis. 3. *Agriculture*—Vegetable Physiology. 4. *International Law*—Woolsey. 5. *Draughting*—Constructions.

Senior Year.

Course in Civil Engineering and Mechanics.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Mechanics*—Tate, or Wood. 2. *Engineering*—Mahan. 3. *Chemistry*—Lectures on Organic Chemistry and Chemical Physics. 4. *Moral Philosophy*—Calderwood's Handbook. 5. *Draughting.* Machinery and Architecture.

SECOND TERM.

1. *Engineering*—Mahan. 2. *Mechanics*—Tate, or Wood, Bridge Building; Intermediate Analysis. 3. *Chemistry*—Lectures on Organic Chemistry and Chemical Physics. 4. *Moral Philosophy*—Butler's Analogy. 5. *Draughting*—Engineering.

THIRD TERM.

1. *Engineering*—Bridge Building and Railway Practice; Geodesy, Stone Cutting. 2. *Geology*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Draughting*—Thesis.

Senior Year.

Course in Chemistry and Agriculture.

Exercises during the year in Composition and Original Declamation. Bible Class each Sabbath morning.

FIRST TERM.

1. *Mining and Metallurgy.* 2. *Chemistry and Principles of Agriculture*—Lectures. 3. *Laboratory Practice* and Lectures on the Theory of Analysis. 4. *Moral Philosophy*—Calderwood's Handbook. 5. *Draughting.*

SECOND TERM.

1. *Agriculture*—Its Methods and Products. 2. *Chemistry*—Lectures on Organic Chemistry and Chemical Physics. 3. *Laboratory Practice* and Lectures on the Theory of Analysis. 4. *Moral Philosophy*—Butler's Analogy. 5. *Draughting.*

THIRD TERM.

1. *Agriculture*—Animal Physiology; Care and Management of Domestic Animals. 2. *Geology*—Lectures. 3. *Moral Philosophy*—Butler's Analogy. 4. *Draughting*—Thesis. 5. *Laboratory Practice* and Lectures on the Theory of Analysis.

SPECIAL COURSE IN CHEMISTRY.

FIRST YEAR.

FIRST TERM.—1. *Elements of Chemistry*—Text-book and Lectures. 2. *Blowpipe Analysis.* 3. *Elements of Mineralogy.*

SECOND TERM.— 1. *Physics and Chemistry*—Text-book and Lectures. *Chemical Analysis*—Qualitative, Practice and Theory.

THIRD TERM.—1. *Chemical Analysis*—Qualitative and Quantitative. 2. Lectures on the Theory of Analysis. 3. *Vegetable Physiology.*

SECOND YEAR.

FIRST TERM.—1. *Chemical Analysis*—Analysis of Minerals, Ores, &c. 2. *Mineralogy*—Determinative.

SECOND TERM.—*Chemical Physics*—Heat, Electricity, Magnetism, Galvanism and Electro-Magnetism—Text-book and Lectures. 2. *Analysis of Fertilizers and Chemical Products.*

THIRD TERM.—1. *Lectures on Geology.* 2. *Chemical Analysis*—Experimental Investigations.

Examinations.

The classes in both departments are examined at the close of each term. The examinations are partly oral and partly written, and have an important bearing upon the standing of the student in his class.

At the end of the first and third terms, the examinations of the classes of the Scientific Section are held in the presence of the Board of Visitors, who then make their semi-annual visits to the institution.

At the end of the third term, each member of the Graduating Class of the Scientific Section is required to present a thesis on some scientific subject, a copy of which is to be written out upon paper suitable for binding, and deposited in the College Library.

The final examination of the Graduating Classes is held four weeks before Commencement, from which time they are subject only to such duties as are required for their preparation for Commencement.

Graduation.

To all members of the Graduating Class of the Classical Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Arts.

To all members of the Graduating Class of the Scientific Department, in full and regular standing, the Trustees grant diplomas conferring the Academic degree of Bachelor of Science.

To all members of the Graduating Class, in either Department, who have satisfactorily pursued special courses of study, a certificate is granted stating the studies pursued and the attainments made.

To those students who have pursued satisfactorily the studies of the first two years of the Scientific Course, and who desire to leave at that time, a special certificate is granted by the Faculty.

The following regulations have been adopted by the Board of Trustees in regard to the graduating exercises at Commencement.

1. The privilege of speaking at Commencement shall be open without distinction to the Classical and Scientific Sections of the Graduating Class.

2. The graduation honors shall be as follows:

FIRST HONOR—Latin Salutatory.
SECOND HONOR—English Salutatory.
THIRD HONOR—Philosophical Oration.
FOURTH HONOR—Scientific Oration.

If the first honor be awarded to a member of the Scientific Section of the Graduating Class, he shall deliver a German Salutatory.

3. The Valedictory shall be regarded as a *Rhetorical honor*, and shall be awarded to the best writer and speaker in his class (to be determined by his grade in composition and elocution during the Junior and Senior years), provided, that he must have been a member of his class for two years, and have a general grade in scholarship among the best two-thirds.

4. Eleven other speakers shall be chosen, of whom six shall be chosen by grade in scholarship, provided, that in their grade in composition and elocution during their Junior and Senior years they be among the best two-thirds; and five shall be chosen by grade in composition and elocution during their Junior and Senior years, provided, that in their general grade in scholarship they be among the best two-thirds.

DEGREES OF A.M., AND M.S.

By resolution of the Board of Trustees, the degrees of A.M. and M.S. will not be conferred after June 1881 in course, but only as the result of examination.

Post-Graduate Studies.

Provision is made for post-graduate courses of study in the following departments:

1. Moral Philosophy and the Evidences of Christianity.

Instruction in this department will consist of the History of Ancient and Modern Moral Philosophy, and the critical study of different systems from original sources.

2. Metaphysics.

In this department the student will pursue a selected course in the best philosophical authors, and receive carefully prepared criticisms upon them, with the view especially of acquainting himself with the distinctive opinions and influence of the chief representative thinkers of the various schools of philosophy.

3. Geology and Chemistry.

In Chemistry, students pursue special studies and undertake experimental investigations in the Analytical Laboratory, under the direction of a professor, upon subjects connected with industrial or professional life.

In Geology and Natural History, the large collections in Geological Hall, are available for extended courses of study, and can be used under the direction of a professor for special study in Geology, Mining, Metallurgy, and the various branches of Engineering.

In Agriculture, the well equipped farm and laboratories give unusual opportunities for advanced studies in this department, and every faci.ity is offered for their use.

4. Mathematics.

Instruction will be given in any of the following subjects: Geodesy, with practice; Higher Mathematics (pure); Theoretical and Practical Astronomy; the use of Physical Apparatus.

5. Greek Language and Literature.

Instruction will be given in Aristotle's Organon, and other advanced Greek authors, accompanied with a study of the Comparative Grammar of the Indo-Germanic Languages as bearing on Greek.

6. Modern Languages.

The course will include Lectures on French Literature; Lectures on German Literature; Lectures on German Etymology, on German Mythology, and on the Phonology and Morphology of the Indo-Germanic Languages, as bearing on German.

7. Political and Social Science.

In this department provision is made for instruction in an Advanced Course in Political Economy; in the Constitutional History and Jurisprudence of the United States; in the History of the English Constitution: and in the elements of Roman Law.

These subjects, according to the choice of students, will be arranged in courses of one, two, or three years. Students completing a full course of two years, in any two of the departments, will be entitled to the degree of Bachelor of Philosophy. Students completing a full course of three years, in any three of the departments will be entitled to the degree of Doctor of Philosophy.

Regulations.

Morning prayers are attended in the College Chapel each morning, except Saturday and Sunday, at 8.40 o'clock.

The recitation hours extend from 9 o'clock A.M. to 1 o'clock P.M., during five days of the week.

A Biblical Recitation is held each Sabbath morning in the College Chapel at 9.30 o'clock, which all students are required to attend.

A sermon is preached every Sabbath morning in the College Chapel at 10.30 o'clock. Students are required to be present, and also to attend public worship in the afternoon and evening, at such places as their parents or guardians may direct.

No student is allowed to leave the city during term time without permission from his Division Officer.

Recitations are marked on a scale of 100, and the average standing of each student is made up at the end of each term, and sent to his parent or guardian. A mark at examination counts as much as one-third of the term.

If the grade of a student in any term falls below one-half the maximum in one of his studies, he is conditioned in that study, and must be re-examined therein before graduating.

If the general average of any student in any term falls below one-half of the maximum grade, his case must be acted on as the Faculty shall deem necessary.

If any student's grade in any term falls below one-half of the maximum in all his studies, he loses his standing in his class, and is dismissed from College.

If any student is found to be notably deficient in his daily recitations, or at the examination in any of his studies, his case is reported to the Faculty, and such action by way of discipline is taken as may be deemed necessary.

No student can enter an advanced class until all his deficiencies are made up, and if he fails to make up all his deficiencies before the opening of the College year, he is required to go back a year in his course. Examinations for making up said deficiencies, are to be held on the two days preceding the opening of College in September.

College Expenses.

Fees.

Tuition, per annum,	$75 00
Incidentals—Janitor, fuel, &c., per annum,	8 00
Reading Room, per annum,	2 00
Admission Fee,	5 00
Graduation Fee,	7 50

Damages are in all cases chargeable to the persons committing them.

Of the above expenses, the admission fees are payable on entrance to the College Treasurer; the incidental expenses are payable at the beginning of the first term, in September; of the tuition fees one-third, viz., $25, is payable within ten days after the beginning of each term.

Students in Analytical Chemistry are charged $15 additional per term, for chemicals and use of Laboratory. They are also expected to provide themselves, at their own expense, with the necessary sets of apparatus. These sets are retained through the year, but at the end of it if the owners do not wish to retain them, they will be purchased at a fair price. If proper care has been exercised, a small discount only (about 10 per cent.) from the original cost will be made.

Board.

Board, with furnished rooms, can be obtained in New Brunswick at the present time for $4 to $7 per week; board without rooms for $3.50 to $5 per week. These prices do not include lights or fuel. Students having the ministry in view can obtain rooms in Hertzog Hall, on the same terms as the students in the Theological Seminary, viz.: at an expense of $34 per annum, payable one-half at the beginning of the first term, and one-half at the beginning of the second term. The rooms are heated and lighted.

The Faculty are empowered to pass such regulations relative to the number of boarders in each house as they think proper; and students shall board only at such places as are approved by them.

By combining in clubs, students are able to reduce somewhat their expenses for board.

Beneficiary Aid.

1. *Van Benschoten Fund.*

This fund, the gift of Rev. Elias Van Benschoten, in 1814, amounting to $20,813, was given in trust jointly to the General Synod of the Reformed Church and the Trustees of Rutgers College, to aid in the education of indigent students for the ministry. The students who enjoy the benefits of this fund are appointed by the Trustees of the College on the nomination of the General Synod of the Reformed Church, and receive $150 annually.

2. *Knox Fund.*

This fund, consisting of $2,000, was given by Mrs. Rebecca Knox, of Philadelphia, in 1815, to the Trustees of Rutgers College, the income from it to be expended for the support of one student in the Theological Seminary.

3. *W. P. Smock Fund.*

William P. Smock, of Marlboro, N. J., left by his will, to the Trustees of Rutgers College, the sum of $500, to be invested as a fund, the interest of which should be used to aid in the education of young men for the ministry. This legacy was received in 1859, and has been since that time duly employed for the purpose indicated.

4. *Mandeville Fund.*

In 1865 the Trustees of Rutgers College received from the executor of the will of William Mandeville, of New York City, the sum of $2,000; said sum to be invested, and the income thereof to be applied to the support of a theological student in the College.

5. *Voorhees Fund.*

Abraham Voorhees, of Six Mile-Run, N. J., bequeathed by his will $26,000 to the Trustees of Rutgers College, the income of which is to be expended in aiding worthy young men who are candidates for the ministry, while pursuing their studies in Rutgers College. A grant of $200 per annum is made to the students thus receiving aid.

6. *State Scholarships.*

The law of the State of New Jersey granting to the Scientific Department of Rutgers College the Agricultural College Endowment, provides for the education of forty State students free of expense for tuition. These scholarships are distributed among the counties in proportion to their population, and the appointments to fill vacancies are made by the County Superintendents. The appointment gives the *right* to a course of instruction of four years in the Rutgers Scientific School.

7. *Board of Education.*

The Board of Education, of the Reformed Church grants aid to young men preparing for the ministry in the denomination. The conditions are that the persons receiving aid shall have been members of some Evangelical Church one year, and at the time members of some Reformed Church. The aid may be obtained either while preparing for College, while in College, or in the Theological Seminary. At present the amount granted is $200 per annum. Information will be given by Rev. John L. See, D.D., 34 Vesey Street, New York.

8. *Rooms for Students.*

Such rooms in Peter Hertzog Hall as may not be required for the use of the students of the Theological Seminary, are allowed to be occupied by the students of the College and Grammar School who have the ministry in view, and on the same conditions as the members of the Theological Seminary.

Prizes and Honors.

All prizes and honors are open equally to members of the Classical and Scientific Departments, except in cases where prizes are specifically limited to one department by the donor. Each competitor for a prize must sign a written declaration that the essay or other work offered by him is his original and unaided work. They are as follows:

1. Suydam Prize for Composition.

This prize, the gift of James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be given to the member of the Senior Class who shall write the best English Composition on the subject assigned to the class by the Professor of Rhetoric. Competitors must hand in their compositions on or before April 15th. The student to whom the prize is awarded must copy his composition upon paper furnished by the College, and present it for preservation in the Library, before he can receive the prize.

Subject for 1879: "Unconscious Mental Activities: their nature, and their indirect relation to the will, and to Mental Progress."

Committee: Rev. A. B. Van Zandt, D.D., LL.D.,
H. M. Baldwin, M.D.,
Rev. Paul D. Van Cleef, D.D.

2. Suydam Prize in Natural Science.

This prize, the gift of the late James Suydam, Esq., is a gold medal of the value of forty dollars, or that sum in money, and is to be awarded to the member of the Senior Class who shall have made the greatest attainments in Natural Science.

3. Brodhead Classical Prize.

This prize is the gift of Rev. Dr. Jacob Brodhead, and his son, J. Romeyn Brodhead, LL.D. It is the interest on $500, to be given to the best Senior Classical scholar on the following conditions:

First, "That those who offer themselves as candidates for it shall be subjected to a special examination, at a time to be fixed by the Faculty near to the close of the Senior year."

Second, "That the subject of the examination be a passage or play of some Classical author (not included in the College programme of Studies), to be selected by the Classical Professors, and to be announced at least one month before the time fixed for the examination."

Third, "A subject for an essay shall be announced at the same time, and the essay shall be given in on the day of examination."

Fourth, "Both the examination and the essay shall be taken into account in the adjudication of the prize. A law copy of the essay of the Prize man shall be handed in by him before the medal is put into his hands, to be preserved among the archives of the College."

Subject for Examination for 1879: "Lucretius."

Subject of Essay for 1879: "The Philosophy of Lucretius."

4. Bradley Mathematical Prize.

This prize is given by Hon. Joseph P. Bradley, LL.D., and consists of a valuable Mathematical work, which is to be bestowed on the student of the Senior Class who shall present the best solution of a set of Mathematical problems to be proposed to the class by the Professor of Mathematics before the close of the second term.

5. Myron W. Smith Prizes.

These prizes were founded by Lyndon A. Smith, M.D., of Newark, in the name of his son, Adjutant Myron W. Smith, who was a graduate of the College, and who gave his life in the late war to the cause of his country. They consist of the interest of $500, proportionately appropriated to two medals, one of gold and the other of silver, which are to be awarded respectively to the best and second best speakers of the Sophomore Class. Only those students who shall have pursued, in the College, the regular studies preparatory to the degree of the Bachelor of Arts from the beginning of the Freshman year, shall be allowed to contend for these prizes.

The competition for these medals shall take place at an exhibition to be held on the 22d day of February; on which occasion the eight students of the Sophomore Class who shall be adjudged by the Faculty to be the best speakers of their class, shall deliver declamations, from which number the committee appointed for the purpose shall select the best and second best, to whom the medals shall be awarded. The medals shall be presented at Commencement.

Committee for 1879: REV. JOHN WOODBRIDGE, D.D.,
A. K. COGSWELL, Esq.,
WILLARD VOORHEES, Esq.

6. Tunis Quick Prize in Spelling and English Grammar.

This prize, the gift of P. Vanderbilt Spader, Esq., of New Brunswick, is the income of $300, at 7 per centum, and is to be presented to that member of the Freshman Class, Classical or Scientific, who shall pass the best examination in Spelling and English Grammar.

The examination is to be conducted in writing by the Professor of English Literature, at as early a day as convenient in the second College term, and under such regulations as the Faculty may from time to time establish.

The prize may be withheld from any or all papers offered, either for want of merit or for failure of proper competition. In case the prize be not awarded in any year, it is to be offered one year later to the members of the same class, on the same conditions as at first.

All regulations as to time, manner and conditions of awarding the prize are subject to change by the Board of Trustees.

7. Peter Spader Prizes in Modern History.

These prizes, the gift of P. Vanderbilt Spader, Esq., are two in number, the income of $400 and $300, respectively, at 7 per centum, and are to be awarded to those members of the Sophomore Class, Classical or Scientific, who shall present the best essays on some subject in Modern History, selected by the Professor of History, with the approval of the Faculty.

The subject is to be announced at the close of the Freshman year, and the competing essays are to be handed in on or before the third Monday in the third term of the Sophomore year.

The committee annually appointed by the Faculty, may decline to award these prizes, or either of them, for want of merit in the essays, or for failure of proper competition. In case the prizes be not awarded in any year, they are to be offered one year later to the members of the same class, on the same conditions as at first.

Successful essays are to be copied on paper selected by the Faculty, and deposited in the College Library, before the writer receives his prize.

All regulations as to time, manner and conditions of awarding the prizes are subject to change by the Board of Trustees.

Subject for 1879: "The life and character of Washington, and an Estimate of his Services to his Country."

Committee: REV. PROF. C. D. HARTRANFT, D.D.
HON. CHARLES H. VOORHIS,
REV. B. S. EVERITT.

8. Cook Prize for Mineralogy.

A prize consisting of 100 species of minerals, arranged and assorted in a case, is offered to the member of the Graduating class of 1879, in the Scientific Department, who shall be able to identify and name the largest number of them, fifty being the minimum.

9. Appleton Memorial Prize in Moral Philosophy.

This prize was founded by a gift of $500, from Rev. Samuel E. Appleton in the name of his mother, Mrs. Elizabeth Appleton. It consists of $35—the interest of the above sum, and will be given to the member of the Senior Class who shall pass the best examination in Moral Philosophy.

Committee for 1879: REV. R. H. STEELE, D.D.,
REV. H. F. SMITH, D.D.,
REV. EDWARD WILSON, D.D.

10. Wm. Wilson Prize in Mental Philosophy.

This prize consists of $25, given by Rev. F. F. Wilson, and Rev. P. Q. Wilson, in honor of their father, Captain William Wilson, of the New Jersey State Militia. It will be open to competition for students in both the Classical and Scientific Sections who are pursuing the study of Mental Philosophy, and will be bestowed on the one who shall pass the best examination on some work assigned by the Professor of Metaphysics.

Work for 1879: "Berkeley's Principles of Knowledge, edited by Charles P. Krauth, D.D."

11. Wm. H. Van Doren Prize for the best Essay on Christian Missions.

This prize consists of $30, the gift of Rev. William H. Van Doren, D.D. It is open to competition for members of the Senior and Junior Classes in both Sections; and for members of the Theological Seminary.

Committee for 1879: REV. SAMUEL WOODBRIDGE, D.D.,
CHARLES D. DESHLER, ESQ.,
D. C. ENGLISH, M.D.

12. Junior Exhibition.

Eight members of the Junior Class are chosen each year, in equal numbers from the Peithessophian and Philoclean Literary Societies, who deliver original speeches at an exhibition held on the Tuesday evening preceding Commencement. The selection is made by a Committee of three persons, of whom one is chosen by each Society, and a third by the Faculty, and is based upon relative excellence as writers and speakers.

Library and Museum.

1. Library.

The Library of the College is open for consultation at stated times during each term. The collection of books, although entirely inadequate to the wants of the Institution, is yet of great value. It has received considerable additions during the past few years, and no effort will be spared to make it what the Institution requires. Donations to this object, either in money or books, are earnestly solicited.

By the gift of a permanent fund of $1,000 from James Suydam, Esq., the Library is supplied with the leading learned periodical Publications in the various departments.

2. Museum and Apparatus.

The Trustees solicit contributions from the friends of the College to the collections of the Museum. It is their wish to increase greatly the present valuable collections by additions in all departments. Donations of specimens illustrating Geology, Mineralogy, Natural History, Coins, Curiosities, and Antiquities, and the Industrial Arts, are earnestly requested. Ample rooms are provided in the new Geological Hall for the proper preservation and display of such specimens. By the kindness of numerous friends, suitable cases have been provided to receive the collections which the College already possesses, and they are now being arranged as rapidly as circumstances will allow.

The apparatus of the College for illustrating the various branches of science, is extensive and serviceable. It has been obtained as the wants of the classes demanded, and comprises most of the recent additions to Chemical and Philosophical apparatus. The students in Analytical Chemistry are provided with the requisite facilities for analyzing and assaying. The arrangements for these departments in the building recently erected are of the most ample and convenient description.

Wants of the College.

The growth of the Institution and the demand for greater facilities for education are creating wants which appeal imperatively to the friends of the College.

First, to provide adequate endowment for established professorships, and for such additional ones as may be from time to time needed. *Second*, the funds for some general purposes of the College require a large increase to make yearly additions to the library, and to bind up and keep in order what has been accumulated. *Third*, to make each year fresh additions to the supply of working apparatus in every department, Maps, Charts, Models, Drawings, Casts, &c. A fund that could be used for these and similar specific objects would greatly increase the working efficiency of the Institution.

Register.

1. Sophomore Exhibition.

MYRON W. SMITH PRIZES FOR ORATORY, FEB. 22, 1878.

LIST OF CONTESTANTS AND PRIZE-MEN.

S. VAN NESS, JR., Hudson, N.Y.,.....First Prize.
C. A. HORN, Brooklyn, N.Y.,.....Second Prize.

G. D. B. HASBROUCK, Port Ewen, N.Y. E. F. SEE,.....Tarrytown. N.Y.
F. W. OLCOTT,.....Millstone. S. V. TEN EYCK,....New Brunswick.
G. W. SCARLET,. South Branch. N. W. VOORHEES,.....Clinton.

2. Junior Exhibition.

ORATORS FOR 1878.

Philoclean Society.		*Peithessophian Society.*	
HERMAN HAGEMAN, JR.,	Readington.	JOHN E. ACKERMAN,	Dundee Lake.
THEO. FRELINGHUYSEN,	Newark.	E. W. JEWETT,	Poughkeepsie, N.Y.
SEAMAN MILLER,	Linlithgo, N.Y.	E. C. SCUDDER,	Saugerties, N.Y.
DEW. G. ROCKEFELLER,	Albany, N.Y.	A. V. L. PUMYEA,	Three-Mile-Run.

3. Graduating Exercises, June 20, 1878.

HONORS.

LOUIS BEVIER, JR., Marbletown, N.Y., *Latin Salutatory*,.....First Honor.
ROBT. W. PRENTISS, Brooklyn, N.Y.,..*English Salutatory*,.....Second Honor.
W. L. LAWRENCE, Hamburgh,.....*Philosophical Oration*,...Third Honor.
EDWARD DURYEE, Rahway,.....*Scientific Oration*,.....Fourth Honor.
F. J. COLLIER, Hudson, N.Y.,..... *Valedictory Oration*, Rhetorical Honor.

ORATIONS.

H. J. BOGARDUS,.....Yonkers, N.Y., J. H. McLEAN,.....Freehold,
JOHN E. ELMENDORF, N. Brunswick, J. L. SENIOR,.....Montgomery, N.Y.,
C. EVERITT,.....Dayton, EGBERT TEARS,..Shawangunk, N.Y.,
F. T. LENT,.....Poughkeepsie, N.Y., JOHN VANDERPOEL,...Albany, N.Y.,
W. B. MARSHALL,*.....Metuchen, J. VAUGHAN,*.....Strong, Me.,
C. C. VERMEULE,...New Brunswick.

MASTER'S ORATION.

REV. JOHN H. SALISBURY, Coxsackie, N.Y.

PRIZES AWARDED.

Brodhead Prize for Classics,.....J. ELMENDORF.
Suydam Prize for Natural Science,.....R. W. PRENTISS.
Suydam Prize for Composition,.....F. J. COLLIER.
Bradley Prize for Mathematics,.....R. W. PRENTISS.
Appleton Prize for Moral Philosophy,.....L. BEVIER, JR.
Bowser Prize for best Thesis,.....C. C. VERMEULE.
Doolittle Prize for Composition,.....
William Wilson Prize for Mental Philosophy,..... } A. H. DEMAREST.
Peter Spader Prize for Modern History (1st),.....C. F. CANTINE.
Peter Spader Prize for Modern History (2d),.....E. F. SEE.
Myron W. Smith Prize for Declamation (1st).....S. VAN NESS, JR.
Myron W. Smith Prize for Declamation (2d),.....C. A. HORN.
Tunis Quick Prize for Grammar and Spelling,.....J. VAN DEUSEN.

*Excused.

4. Prize-men.

SUYDAM PRIZE FOR COMPOSITION.

1854—James LeFevre.
1855—Isaac L. Kip.
1856—George V. N. Baldwin. Silas D. Scudder.
1857—Jas. W. Schermerhorn. Benjamin C. Sears.
1858—Robert O. Currie, Jr.
1859—T. Sandford Doolittle.
1860—Dupuytren Vermilye.
1861—William P. Mesick.
1862—Francis A. Horton.
1863—William Smith.
1864—William H. Leupp, Jr.
1865—William DeHart.
1866—John G. Van Slyke.
1867—Peter L. Van Derveer.
1868—Vernon B. Carroll.
1869—William E. Griffis.
1870—R. Augustus Pearse.
1871—John W. Conklin.
1872—George H. Large.
1873—Fred. E. Allen.
1874—Howard N. Fuller.
1875—W. F. Anderson.
1876—H. M. Cox. B. B. Staats.
1877—W. M. Stillman.
1878—F. J. Collier.

SUYDAM PRIZE FOR NATURAL SCIENCE.

1854—William W. Post.
1855—Milton A. Fowler.
1856—Josiah Jansen.
1857—D. Ten Broeck Reiley.
1858—John D. Drury.
1859—William Cornell.
1860—Dupuytren Vermilye.
1861———————
1862—Abram Q. Garretson.
1863—Joseph M. Dixon.
1864—N. I. Marselus Bogert.
1865—Francis C. Van Dyck.
1866—Isaac P. Brokaw.
1867—Peter L. Van Derveer.
1868—Herbert A. Drake.
1869—William E. Griffis.
1870—Frederick A. Canfield.
1871—Rodolph C. Oakley.
1872—Benjamin C. Miller, Jr.
1873—William W. Cook.
1874—William B. Berry.
1875—John H. Ackerman.
1876—C. B. Pierce.
1877—C. F. Pomeroy.
1878—Robert W. Prentiss.

BRODHEAD CLASSICAL PRIZE.

1855—Daniel Rapleje.
1856—John Bellenger Dod.
1857—Abraham Thompson.
1858—Robert O. Currie, Jr.
1859—Jonathan Dixon, Jr.
1860—Dupuytren Vermilye.
1861—Louis H. Bahler.
1862—Peter Lepeltak.
1863—George W. Swain.
1864—N. I. Marselus Bogert.
1865—Isaac E. Hasbrouck.
1866—George D. Holst.

1867—TUNIS GARRET BERGEN.
1868—VAN RENSSELAER WESTON.
1869—MARTIN BAHLER.
1870—ALEXANDER JOHNSON.
1871—WILLARD P. VOORHEES.
1872 { GEORGE H. STEVENS. / EDWARD W. STRONG.
1873—JOHN DEWITT PELTZ.
*1874 { E. CUTTER. / A. H. STRONG. / P. J. FULLER. / J. N. WYCKOFF.
1875—THOMAS D. SWIFT.
1876—1st prize—F. M. VOORHEES.
1877—H. VEGHTE.
1878—J. E. ELMENDORF.

CLASSICAL PRIZE—(2d.)

1876 { H. W. WINFIELD. / H. C. KELLEY.

BRADLEY MATHEMATICAL PRIZE.

1864—N. I. MARSELUS BOGERT.
1865—ISAAC E. HASBROUCK.
1866—ELLIS A. APGAR.
1867—BENJAMIN C. NEVIUS.
1868—EDGAR BENEDICT.
1869—MARTIN BAHLER.
1870—FREDERICK A. CANFIELD.
1871—WILLIAM N. TODD.
1872—WILLIAM J. LEGGETT.
1873—CLAUDIUS ROCKEFELLER.
1874—AMOS VAN ETTEN, JR.
1875—W. F. ANDERSON.
1876—C. B. PIERCE.
1877—J. F. LADLEY.
1878—ROBERT W. PRENTISS.

MYRON W. SMITH PRIZES.

First Prize.	*Second Prize.*
1866—ARCHIBALD MERCER.	VERNON BOND CARROLL.
1867—JOHN TALMAGE VAN CLEEF.	WILLIAM ELLIOTT GRIFFIS.
1868—WILLET DENIKE, JR.	GEORGE R. GARRETSON.
1869—W. H. LAWRENCE.	C. F. VAN INWEGEN.
1870—WILLIAM J. LEGGETT.	BENJAMIN C. MILLER, JR.
1871—FREDERICK E. ALLEN.	MADISON M. BALL.
1872—JOSEPH R. DURYEE.	JOHN N. WYCKOFF.
1873—JOHN H. SALISBURY.	FRED. W. ANDERSON.
1874—C. C. VAN DEUSEN.	P. F. SUTPHEN.
1875—HENRY VEGHTE.	EARL A. HOLDRIDGE.
1876—CORTLANDT PARKER, JR.	FREDERICK J. COLLIER.
1877—Exhibition omitted.	
1878—S. VAN NESS, JR.	C. A. HORN.

* Owing to the equal excellence of the competitors, the Cooper Prize of $35 was combined with the Brodhead Prize of $35, and equally divided.

SCHERMERHORN PRIZE.

1867—Edward Cady Thomas.
1868—Wm. Elliott Griffis.
1869—R. A. Pearse.
1870—J. W. Conklin, Haley Fisk, Jr.
1871—Benjamin C. Miller, Jr.
1872—William W. Cook.
1873—Joseph R. Duryee.

DOOLITTLE PRIZE.

1874—James Kemlo.
1875—Henry M. Cox.
1876—Edw. Anderson Reiley.
1877—Louis Bevier, Jr.

VAN DOREN PRIZE FOR MISSIONS.

1869—A. W. Benson, W. J. Hill.
1870—Asher Anderson.
1871—James C. Garretson.
1872—W. W. Cook.
1873—George R. Dixon.
1874—Charles Davis.
1875—H. A. Hendrickson.
1876—J. E. Lyall.
1877—Omitted.
1878—F. J. Collier.

COOK PRIZE FOR MINERALOGY.

1869—Joshua Doughty.
1870—William Clark.
1871—James K. Barton.
1872—J. W. Herbert.
1873—Thomas B. Stillman.
1874—Wm. B. Berry.
1875—Robert A. Meeker.

MURRAY PRIZES FOR THESIS.

	First Prize.	*Second Prize.*
1869	E. Sealey.	S. E. Bucknall.
1870	William Clark.	C. C. Haven, Jr.
1871	S. G. Gano.	J. A. Miller.
1872	A. S. Cook.	G. B. Ogden.
1873	E. Van Syckle, Jr.	T. B. Stillman.

BOWSER PRIZE FOR THESIS.

1875—A. L. Titsworth, H. V. Buttler.
1876—G. W. Kuehnle.
1877—W. R. Whitehead.
1878—C. C. Vermeule.

ATHERTON PRIZES FOR ESSAYS IN HISTORY.

	First Prize.	*Second Prize.*	*Third Prize.*
1873—	J. H. Salisbury.	F. W. Anderson.	C. L. D. Washburne.

Rev. JAMES CRUIKSHANK PRIZE FOR BEST ORATION AT COMMENCEMENT.

1873—Frederick E. Allen.

PETER SPADER PRIZES IN MODERN HISTORY.

	First Prize.	*Second Prize.*
1874—	Wm. A. Van Zandt.	C. B. Pierce. P. F. Sutphen.
1875—	W. M. Stillman.	H. M. T. Beekman.
1876—	N. F. Elmendorf.	F. J. Collier.
1877—	Theodore Shafer.	Alfred H. Demarest.
1878—	C. F. Cantine.	E. F. See.

TUNIS QUICK PRIZE IN GRAMMAR AND SPELLING.

1874 { H. Veghte, Grammar. / W. M. Stillman, Spelling.

1875—Harry M. Orne.

1876 { C. Crosby, Grammar. / C. S. Davison, Spelling.

1877—E. F. See.

1878—J. Van Deusen.

SMOCK BOTANY PRIZE.

1874—H. N. Johnson.

APPLETON MORAL PHILOSOPHY PRIZE.

1875—John H. Salisbury.

1876—F. M. Voorhees.

1877—J. Q. Van Derveer.

1878—L. Bevier, Jr.

MASTER ORATORS.

1865—Rev. T. W. Wells, Class '62.
1866—Jos. M. Dixon, Esq., Class '63.
1867—H. R. Crosby, Esq., Class '64.
1868—Rev. John K. Allen, Class '65.
1869—John M. Gaut, Esq., Class '66.
1870—Wm. P. Wilson, Esq., Class '67.
1871—V. R. Weston, Esq., Class '68.
1872—J. T. Van Cleef, Esq., Class '69.
1873—L. L. Kellogg, Esq., Class 70.
1874—Rev. W. H. Lawrence, Class 71.
1875—G. S. Duryee, Esq., Class 72.
1876—Rev. Fred. E. Allen, †Class 73.
1877—J. W. Searing, Esq., Class 74.
1878—Rev. J. H. Salisbury, Class 75.

† Mr. Allen prepared his oration, but was prevented by sickness from delivering it.

5. Alumni Association.

OFFICERS FOR THE YEAR 1878–9.

P. P. ROUSE,	President.
WILLIAM H. STEELE,	Vice Presidents.
ANSON DuBOIS,	
ALEXANDER PROUDFIT,	
N. W. VOORHEES,	
ROBERT ADRAIN, Esq.,	Secretary.
HENRY R. BALDWIN, M.D.,	Treasurer.
Rev. DAVID COLE, D.D.,	Biographer.
RUSH VAN DYKE, M.D.,	Chairman of Standing Committee.
Hon. GARNET B. ADRAIN,*	Vice-Chair'n Standing Committee.

6. Phi Beta Kappa Society.

OFFICERS FOR THE YEAR 1878–9.

Prof. I. E. HASBROUCK, President. C. H. VOORHEES, M.D., Rec. Sec'y.
Prof. CARL MEYER, D.D., Vice Pres. Prof. E. A. BOWSER, Treasurer.
Prof. G. W. ATHERTON, Cor. Sec. WM. RIVERS TAYLOR, Registrar.

MEMBERS ELECTED FROM THE CLASS OF 1878.

LOUIS BEVIER, JR.	F. J. COLLIER.
ROBERT W. PRENTISS.	W. B. MARSHALL.
W. L. LAWRENCE.	J. ELMENDORF.
EDWARD DURYEE.	SEI-ICHI-KUDO.

FRANK T. LENT.

THE VEDDER LECTURES.

This Lectureship was founded by Mr. Nicholas F. Vedder, of Utica, by a gift of $10,000, on the following among other conditions: that the General Synod should "every year elect some member of the Reformed Church in America to deliver to the students of the Seminary and of Rutgers College at least five lectures on the present aspects of Modern Infidelity, including its cause and cure."

The first course was delivered in 1874, by the Rev. Isaac S. Hartley, D.D., of Utica; the second in 1875, by Prof. Tayler Lewis, LL.D., of Schenectady; the third in 1876, by Rev. Talbot W. Chambers, D.D., of New York City; the fourth in 1877, by Rev. William R. Gordon, D.D., of Schraalenberg. The Lectures were not given in 1878, in consequence of the death of Rev. David Ingliss, D.D., who had been appointed for that year. The Lecturer for 1879 is Rev. Prof. C. D. Hartranft, D.D., of Hartford, Ct.

* Deceased August 17, 1878.

Grammar School.

Prof. DeWitt T. Reiley, A.M., Rector.

This School prepares boys for the Classical and Scientific departments of the College, for business, or affords a High School course.

In 1870, the Trustees of the College and School erected on the corner opposite the College Campus, a building fitted with all the conveniences required for a school of high grade. The school has been placed under the management of Rev. DeWitt T. Reiley, Latin Professor in Rutgers College. It is his desire, as it is that of the Trustees, that the Institution should maintain its rank as a classical school for the preparation of boys and young men for entrance to *any* college, while adding thereto that initiation into practical and scientific studies which is required in entering the various Technical and Scientific Schools, or in meeting the demands of modern business life. Those interested in knowing how that rank has been maintained, are invited to notice carefully the course of study, based absolutely on the actual work of the past year.

Boys may enter the Primary Department at the age of from six to twelve years. Thence they pass, when fully prepared to do so, into the Fourth class. When graduated from this class, those who desire preparation for college, pass through the Third, Second, Lower First, and Upper First classes. Those who complete the full course will be prepared to enter the Freshman class of *any* college in America, and even, with summer study, the Sophomore class of most colleges. Those who intend to enter a Scientific school, or business, take the B, A, and H Scientific classes.

COURSE OF STUDY.

Primary Department.

Arithmetic—to Fractions; Geography—Guyot's Intermediate begun; English Grammar—Swinton's Language Lessons; Reading-Hillard's Second and Third Readers; Spelling—Paterson's Speller; Botany—Object Lessons; Natural Science—in Lectures for children, by Dr. Lockwood.

Writing, Composition, Declamation, Drawing, Gymnastics, and Object Lessons.

GRAMMAR SCHOOL DEPARTMENT.

FIRST YEAR. FOURTH CLASS.

Arithmetic—Through Fractions; Review; Mental Arithmetic—Brooks'; Geography—Guyot's Intermediate finished; English Grammar—Swinton's Elementary; United States History—Lossing's Primary; Latin—Fischer's Grammar and Reader begun; Latin Composition—Fischer's begun; Reading—Hillard's Fourth Reader; Spelling—Willson's Larger Speller; Natural Science—Lectures.

Writing, Composition, Letter Writing, Declamation and Military Drill.

SECOND YEAR. THIRD CLASS.

Arithmetic—Through Interest; Mental Arithmetic—Brooks' Normal; Latin—Grammar and Reader to Syntax; Latin Composition—Fischer's to Book II; Geography—Guyot's Grammar School; English Grammar—Swinton's Progressive to Syntax; United States History—Barnes'; German—Fischer's Ahn begun; Reading—Hillard's Fifth Reader; Spelling—Wilson's Larger Speller; Industrial Drawing—Krusi's; Natural Science—Lectures.

Writing, Composition, Letter Writing, Declamation and Military Drill.

B SCIENTIFIC CLASS.

This class recites with the Third in all subjects except Latin, substituting for it Book-Keeping—Bryant and Stratton's.

THIRD YEAR. SECOND CLASS.

Algebra—Through Fractions; Arithmetic—Brooks' new Normal; English Grammar—Swinton's Progressive; English History—Goodrich's; Reading—Hillard's Sixth Reader; Spelling—Wilson's Larger Speller; German—Fischer's Ahn finished; Latin—Grammar and Reader finished; Latin Composition—Fischer's to Lesson XXXI; Cæsar's Gallic War—three books; Greek—Leighton's Lessons to Conditional Clauses; Greek—Anabasis, one and a half books; Natural Science—Lectures.

Writing, Declamation, Composition, Letter Writing and Military Drill.

A SCIENTIFIC CLASS.

This class recites with the Second in all subjects except Latin and Greek, substituting for them—

Book Keeping—Bryant and Stratton's Larger; Industrial Drawing—Krusi's; Draughting—Physiology—Hutchison's; Commercial Law—Lectures; United States Constitution—Alden; Mental Arithmetic—Brooks' Normal; Natural Philosophy—Steele's.

FOURTH YEAR. LOWER FIRST CLASS.

Latin—Cæsar, Books IV, V, VI and VII; Latin—Cicero, Cantilinarian Orations; Latin Composition—Fischer's to Book III; Greek—Anabasis, through Book V; Greek Composition—in Leighton's Lessons; Algebra, through Quadratics; German—Reader; General History—Swinton's; Lectures in Geology and Zoology; English Grammar and U. S. History—Reviewed; Composition, Declamation and Military Drill.

H SCIENTIFIC CLASS.

Algebra-through quadratics; Geometry; Botany-Gray's, with Lectures; Chemistry—Steele's, with Lectures; Blowpipe Analysis—(Optional); Physical Geography—Guyot's; Rhetoric—Hart's; General History—Swinton's; Lectures in Geology and Zoology; German—Reader; Elementary Studies Reviewed; Draughting; Composition, Declamation and Military Drill.

FIFTH YEAR. UPPER FIRST CLASS.

Latin—Cicero, three Orations; Latin—Æneid, six books; Latin Composition—Fischer's finished; Roman History and Antiquities; Algebra—Reviewed; Geometry—five books; German—Reader; Greek—Iliad, six books; Greek Composition—Leighton's and Oral; Greek History and Antiquities; Classical Geography; Elementary Studies Reviewed; Composition, Declamation and Military Drill.

☞ NOTES ON COURSE OF STUDY.

The unit of recitation is one of twenty minutes. In many recitations this is doubled, and in a few tripled.

When a book is simply named it is meant that the book is to be *finished* at the end of the year under which it is named.

The H class is joined with the Lower First class in Algebra, General History, German and Science Lectures, and with the upper First class in Geometry, Composition, Declamation and Military Drill.

Compositions are *required* from all classes every two weeks, class declamations weekly, and general declamations and debates every three weeks. Parents are requested earnestly *not* to give excuses from these exercises.

When any study is given in Lectures notes are *required*. They must be copied, inspected and graded.

In classical History, Antiquities and Geography, Appleton's Primers of Literature and History will be used.

INSTRUCTORS.

The school, in all its departments and classes, is open at any time to visitors, who will be most welcome, though the pressure for time will not permit extended attentions by teachers. A *personal inspection* of the School in its daily workings will furnish the test by which it most desires to be judged.

LATIN is under the charge of the Rector, who will not give any graduate a letter of recommendation to another College unless prepared to his own satisfaction for admission in his own department.

GREEK is under the charge of Mr. Alexander Johnston, who has been in his position since graduating from Rutgers College in 1870. When the Rector is not present he will have charge of the school.

NATURAL SCIENCE is under the charge of Dr. Samuel Lockwood. Those to whom Dr. Lockwood's articles in Harper's Magazine, the Popular Science Monthly, and other periodicals which have made his name familiar, will need no other guarantee that the graduates of the School in his department will be prepared to take high stand in any Scientific School in America. The advantages secured to students of this School in Natural History, Botany, Chemistry, Technology, Familiar Science, etc., can hardly be over estimated. The very youngest children are iustructed in the most fascinating of object lessons. The school is provided with a very complete cabinet of Geology and Natural History. The private cabinets of Prof. Reiley and Dr. Lockwood, and the College Museum are also open to the students.

ENGLISH STUDIES, BLOW PIPE ANALYSIS, and DRAUGHTING are under the charge of Mr. Edward A. Reiley, who has been in the School for three years. His technical education in Rutgers College Scientific School qualifies him to understand the needs of candidates for Scientific Schools in general, and to give them the instruction they require.

MATHEMATICS, BUSINESS STUDIES and VOCAL MUSIC are under the charge of Mr. William E. Bissell, a graduate of the State Normal School at Trenton, N. J. His powers of discipline and instruction

have been tested during the past year, and have given abundant satisfaction.

MODERN LANGUAGES are under the charge of Prof. Gustavus Fischer, LL.D., one of the ablest teachers in America, and author of the Latin series which bears his name, as well as of critical articles innumerable.

WRITING and MILITARY DRILL are under the charge of Mr. Herbert H. Cameron, a graduate of the Albany Academy. His work during the past year is its own sufficient recommendation.

The PRIMARY DEPARTMENT is, as it has for a long time been, under the charge of Miss French, well known in and around New Brunswick for her wonderful success with younger children.

EXAMINATIONS AND REPORTS.

Examinations are held every ten weeks by the Examiners, most of whom are selected from the College Faculty. They will be enforced rigidly and thoroughly, with the design of showing to the student his deficiencies, and marking to the teacher the exact standing of his class. In grading, the Examination mark will count as one-fourth of the Term mark.

A Report of the standing of each student is sent to his parent or guardian every ten weeks. Any failure to receive a Report should be promptly mentioned to the Rector, *who will not feel responsible where parents refuse or neglect to co-operate with him.* A mark of 100 is perfect, 0 is entire failure, and degrees of scholarship are indicated by marks between these limits. A grade below 60 is poor.

PRIZES.

Prizes are only given for excellence in speaking at the Commencement Exercises in June, and for proficiency in Dr. Lockwood's department. These latter take the form of mineral cabinets.

LITERARY SOCIETIES.

Two Literary Societies meet weekly, managed by the students, with the co-operation of the teachers. In their meetings debates are a prominent feature, and their members are encouraged and urged to take the lead in the debates before the school. The weekly meetings are expected to adjourn before 9.30 P. M.

ATTENDANCE.

The hours of attendance are from 8.30 A. M. to 1.30 P. M. For absence, tardiness, or imperfect recitations, written excuses from parent or guardian are required. A second day's absence will bring a notification to the absentee's parent.

Trains on the Pennsylvania Railroad, which passes through New Brunswick, arrive at all hours of the day. Many pupils from the cities and villages along this line of railroad, live at home and come daily to New Brunswick. For this purpose School tickets may be obtained at a reduced rate. For students living at a greater distance, a Boarding department is available. The Rector wishes it distinctly understood that, in a large city like New Brunswick, he cannot be responsible for the good conduct or well-being of boys who are allowed to board in town beyond his control.

TERMS OF TUITION.

PREPARATORY DEPARTMENT, -	$ 9	PER QUARTER.
4TH, AND B SCIENTIFIC CLASSES, -	13	" "
A SCIENTIFIC CLASS, - - - -	14	" "
H " " - - - - -	15	" "
2D AND 3D CLASSES, - - - -	16	" "
LOWER AND UPPER 1ST CLASSES, -	18	" "

Bills for tuition will be sent quarterly, and are expected to be paid in advance. Pupils will be charged from the time of entrance, except that deduction for absences during the first three weeks of the school year will not be allowed. Students are received at any time, and assigned to the class which they are qualified to enter. They should however, be present on the first day of the term. Those who come a few days late are much embarrassed, and are an embarrassment to others. No deduction is made for absence, unless occasioned by sickness for five weeks or more, when the loss will be shared equally between the parents and the school.

Special instructors will be engaged, if desired, for French, Music, Painting, &c., and their bills will be enclosed with the term bills. In exceptional cases backward boys *may*, with the consent of their parents, and the knowledge of the Rector, take private instruction in out-of-school hours from some of the teachers.

BOARDING DEPARTMENT.

The Rector resides on Hamilton Street, a few blocks distant from the school building. Twenty pupils will be received into his family, and will be under his care and supervision. It is understood that he exercises all the rights, and assumes all the responsibilities of the head of the family. Regular hours of study are required under direction of teachers. Connected with the house are eight acres of ground, with shade trees and facilities for base ball and athletic sports. Daily out-door exercise is required, or, in case of stormy weather, exercise in the Gymnasium.

On Sunday the pupils are required in the morning to attend preaching in the College Chapel, unless the parents otherwise direct. In the afternoons a Bible Class is held at the house. The Rector endeavors not to make Sunday either a day abhorrent to his pupils, or a day desecrated by them.

Pupils are not allowed to leave the grounds without special permission.

TERMS OF BOARDING DEPARTMENT.

BOARD, TUITION, FUEL AND LIGHT, - $100 PER QUARTER. No extras, except for washing, medical attendance, and studies not in the regular course. Each pupil must bring towels, bag for soiled clothes, napkin ring, plated fork and spoon, umbrella, slippers and overshoes. All articles must be marked with the full name of the owner.

Pupils in the Boarding Department are expected to remain until the close of the year, unless other arrangements are made at the time of entering. Payments to be made on the same conditions as day scholars.

Damage to property will be repaired at the expense of the person committing it.

Necrology.

The following notices, with one exception, have been kindly furnished by REV. DAVID COLE, D.D., the pains-taking and efficient Biographer appointed by the Alumni.

Nine Alumni have died during the past year. Two of them were Trustees of the College. The following is the list of names:

Rev. ROBERT B. CROES, D.D., of 1815, (Queen's College).
HON. CHARLES WELLS SWIFT, of 1832 (Trustee).
Rev. FREDERICK OGILBY, D.D., of 1833.
Hon. GARNET B. ADRAIN, of 1833.
Rev. ABEL T. STEWART, D.D., of 1843.
Rev. JOHN H. MANNING, D.D., of 1844 (Trustee).
Rev. WILLIAM W. BRUSH, of 1862.
JOSEPH MORISON DIXON, Esq., of 1863.
THEODORE HAVELOCK WALSER, of 1876.

Rev. William W. Blauvelt, D.D., of 1814 and Rev. Robert B. Croes, D.D., of 1815, were given in the last catalogue as the only living graduates of Queen's College. Since that it has been found that John Van Harlingen, M.D., of 1809, is to be added. Dr. Van Harlingen is still in the practice of his profession at Lebanon, Ohio. If spared till the next Commencement, he will have been seventy years a graduate. Dr. Croes having died, however, but two names now remain unstarred upon the record of Queen's College.

REV. ROBERT B. CROES, D.D.

Dr. Croes was the youngest of five sons of the late Rt. Rev. John Croes, D.D., first Bishop of the Prot. Episcopal Church of New Jersey. His mother was Martha Crane, a native of Newark, in the same State. The father became Rector of Christ Church, New Brunswick, in 1801, and simultaneously Principal of our College Grammar School. In the latter position he remained till 1806, in the former till his death in 1832. He was a scholar and teacher of renown, and rendered important service to our Grammar School and College at a trying period in their history. He became Bishop in 1815, and died in office. Two of his sons were Alumni of our College. William was graduated in 1809. After graduation, he was for a time an assistant in the Grammar School, and afterwards studied law. He had just completed his course, when he was stricken down by death on the 30th of March, 1814, in the 23d year of his age. He was remarkable for firmness of character and amiability of disposition. "His sincere and unaffected piety made him an example to old and young."

The other son, Robert, whose death especially suggests the present sketch, was born at Swedesborough, N. J., August 13th, 1800, and died suddenly at Yonkers, N.Y., on Monday, July 22d, 1878. He was prepared for College by his father and others in our Grammar School, and was graduated in 1815 with the first honor of his class. After graduating, he taught a few years in New Brunswick, and in 1819–20 was Principal of the Grammar School. He pursued his professional studies in the General Theological Seminary of the Episcopal Church and was ordained to the ministry on the 21st of May, 1823. After ordination he traversed the Southern States for a time, collecting funds for the Seminary just named. Then he was engaged as an assistant, first to Bishop Moore of the Monumental Church, of Richmond, Va., and next to Rev. Dr. Butler, of Troy, N.Y. Subsequently he was Rector at Geneseo, N.Y., minister of St. John's Church, Richmond, Va., Rector jointly of St. Peter's of Freehold and St. Peter's of Spotswood, N. J., and finally Rector of St. Stephen's, Terre Haute, Ind. Here he laid the foundation of permanent asthmatic disease. His later years were years of painful suffering, which however he endured with exemplary patience to the end. His widow (formerly Miss Helen Robertson, of Philadelphia,) and three children, a son and two daughters, survive him, and reside at Yonkers, N.Y. Dr. Croes received the Doctorate from his Alma Mater in 1870. He was an accurate scholar, and a pains-taking student and thinker. He was a warm lover of our College. When increasing infirmity kept him from our Annual Commencements, he felt the privation keenly, and carefully preserved every printed report he could obtain of the proceedings. His pure character, his solid learning and his love for the College reflected honor upon us, and we take pleasure in making these memorial notes of him as one of our oldest Alumni now passed away.

HON. CHARLES WELLS SWIFT.

Mr. Swift was a graduate of the Class of 1832, and had been a Trustee of the College since 1853. He was a son of Col. Harry Swift, was born in the town of Washington, Dutchess County, N.Y., and died November 19th, 1877, at about sixty-five years of age. Almost his whole life was passed in Poughkeepsie, N.Y. He began his college studies at Yale, but completed them at Rutgers. He studied law with his father, and was admitted to practice in 1834. He was married first to a daughter of Mr. John C. Van Wyck, of Fishkill, and afterward to a daughter of Rev. Dr. Messler, of Somerville, N.J. His death occurred on the twenty-sixth anniversary of his second marriage. Apparently in usual health, he was riding out with his wife, and died during the ride. The cause was heart disease. Mr. Swift was possessed of ample fortune, and was peculiarly methodical and careful in all business transactions. He was interested in most of the public enterprises of Poughkeepsie. Twice he had been its Mayor. This was the only public office he ever held, but his business knowledge and energy were much sought in private enterprises. At the time of his death, he was in active connection, as President or Director, with several financial institutions and business

companies. His benevolent gifts were unostentatious, but widely extended and of large amount. Though not a member by profession, he was one of the most regular attendants upon the services of the Second Reformed Church and a very generous supporter of the Church and her beneficence. The character of Mr. Swift, his relations to our college and the suddenness of his death are all full of interest and suggestion. Our college unites with his sorrowing family, a wife and six children, and with his fellow citizens and the church, in lamenting this loss.

REV. FREDERICK OGILBY, D.D.

Dr. Ogilby was a brother of Rev. John D. Ogilby, D.D., Professor of Latin and Greek in our college from 1832—1840. He was born in Ireland, December 27th, 1814, and died in New York City, March 25th, 1878. He was graduated in 1833, in the nineteenth year of his age. He studied for the ministry in the General Theological Seminary of the Episcopal Church. He served as deacon, first in Grace Church, New York City, and then at Burlington, N. J. Here Bishop Doane conferred upon him the honorary title of Archdeacon. For several years, down to 1855, he was Rector of the Church of the Ascension in Philadelphia, and at the same time editor of a periodical entitled "The Banner of the Cross." In 1855, he became an assistant Rector of Trinity Church, New York, and this position he occupied till his death. In February last, he received a severe blow in the death of a son, and a depression followed, which is supposed to have hastened his end. Dr. Ogilby's memory is much revered on account of his great interest in charitable work and in labor among children. It is said that few have done as much to elevate the poor while ever ministering to their physical wants. He was a scholar of mark and an able theologian and preacher. He has left a widow and son. We are indebted for these particulars mainly to Press notices gathered at the time of his death.

HON. GARNET B. ADRAIN.

The name of Adrain is a distinguished one in the history of Rutgers College. Prof. Robert Adrain who occupied the chair of Mathematics and Natural Philosophy is held in reverent remembrance to this day on account of his brilliant and profound attainments in Science. His son, Garnet B. Adrain, the subject of this sketch, was born in New York City, Dec. 16, 1815, and was graduated from Rutgers College in the Class of 1833. After receiving his diploma he entered upon the study of law in the office of his brother Robert Adrain, then a leading lawyer in the City of New Brunswick.

Mr. Adrain early displaying great quickness of intellect and versatility of abilities, was prepared both by nature and education to take a commanding position at the bar. He soon became known as a shrewd and alert advocate, who gave himself wholly to the defense of his client, and who compelled his opponent to be on continual guard lest he might be suddenly and most unexpectedly

tripped, and so lose his case. His skill and persistence were especially remarkable in the conduct of criminal cases. Nor did he confine his attention solely to the law, but entertaining a high and just conviction of the duties of patriotism and citizenship, he interested himself in the vital questions of state, and became an able representative of the Democratic opinions of the old school. Energetic as a partisan and eloquent as a speaker, he flung himself with all the ardor of an impetuous nature into the conflict that was carried on with Stephen A. Douglas at its head, in regard to the Lecompton Compromise issue, and was elected to a seat in the lower House of Congress. Here he assumed a bold and active position, following what he believed to be right principles rather than the dictation of party interests. He was honored a second time with an election to the House of Representatives, and no member of the House was more earnest and outspoken, and perhaps the speeches of no one were more widely printed by the Daily papers, or met with more flattering commendations. Some of the topics on which he spoke were the "Treasury-note Bill," "Neutrality Laws," "Against the Admission of Kansas," "Impeachment of Judge Watrous," "Election of Speaker," "Organization of the House," and "State of the Union." After his retirement from Congress, Mr. Adrain devoted himself to the practice of his profession with great industry and marked success, and at the same time he continued his connection with politics by becoming a frequent contributor to the editorial columns of papers of his party. Mr. Adrain was spared the trials of long and wearisome disease, as well as those which spring from a consciousness of decaying powers, and declining usefulness. He was robust in health, and strong in all his mental faculties up to the day of his death, which occurred very suddenly August 17, 1878, when he was in the 62d year of his age. The utmost marks of respect were paid by the courts and members of the Bar to his memory and the community felt that in his decease it had lost a faithful and tried citizen. Genial in disposition, exceptionally courteous in manner, decided however in his views, quick at repartee and fond of anecdote, he was one of the most companionable of gentlemen, and made himself endeared to family and acquaintances alike. He is mourned by a large circle of relatives and friends.

REV. ABEL T. STEWART, D.D.

Dr. Stewart was born at Somerville, N. J., Aug. 4th, 1822. He was the youngest of five sons of Abel Stewart and Mary M. Brandt. He experienced a change of heart while serving as a clerk in New Brunswick during the celebrated religious revival of 1837. At once he felt himself called to the ministry. He completed his college course in 1843, and his course in the New Brunswick Theological Seminary in 1846. He was permitted to spend thirty-two years in the ministry. The first twenty were passed in Westchester County, New York, where he labored successively as pastor of the Reformed Churches of Greenville and Tarrytown. During the last twelve, he was pastor of Hope Church, Holland, Michigan. For nearly two years before his death he was disabled from service by severe illness.

He died at Watkins, New York, May 24th, 1878. The personal character and ministerial record of this brother have been beautifully and justly given in a "Memorial," issued by a competent Committee appointed for the purpose, and procurable at the salesroom of the Reformed Church Board of Publication. The pastor of his youth, classmates and colleagues of his student days, and intimates of his ministry, have poured their loving tributes into this "Memorial." The following estimate, taken from a sermon by Rev. Dr. Charles Scott, is appropriate here.

"'Dr. Stewart was a man of singular and most manifest sincerity. There was nothing seeming in his nature. All was open and ingenuous. When he professed Christ, it was from the heart, and when he loved Christ and preached His word, it was with an integrity of purpose which left no room for doubt. His nature was peculiarly sympathetic and his soul in harmony with the woes and throes of humanity. In the relations of life, he was the model of uprightness. Nothing repelled him sooner than a man he could not trust. He was a scholar of no mean literary tastes and attainments, of general reading and culture, of industrious habits, and of more than average ability as a preacher and expounder of the Word of God. The degree of D.D. from Rutgers College in 1873 was an unsolicited but proper recognition of his merits as one of the worthy sons of his Alma Mater." To this we add the following statement of a college and seminary classmate, Rev. Dr. Van Cleef, relative to his death bed utterances and exercises. "His faith was strong and bright. He repeatedly declared 'I believe the doctrines I have taught and I rest upon God's truth.' During a few hours before the last, he discoursed on the great themes of the Gospel as if preaching to his people. When the last moment came, he commended his spirit into the hands of the Master he had served, and fell asleep."

Among the members of our Alumni Association, we have none who are better known and more tenderly loved than was Abel T. Stewart. Minister of the Lord Jesus Christ: and Alumni, one and all, let us imitate him in his zeal and devotion to his work.

REV. JOHN H. MANNING, D.D.

This brother was born in New Brunswick, Sept. 23d, 1824, and died at his home in Brooklyn, after a long and painful illness on the 25th of October, 1878. Having completed his College course in 1844, and studied for the requisite time in the New Brunswick Theological Seminary, he was licensed to the ministry by the Classis of New Brunswick in 1847. His pastorates were at Spotswood, N.J., (from 1847 to 1854) and in Brooklyn (from 1854 to 1873). Since 1873, he has been disabled. He was a member of the Synod's Board of Education for many years, and a Trustee of this College from 1863. In 1864 he received the degree of Doctor of Divinity from the University of New York. The Christian Intelligencer of Oct. 31st, gives the following sketch of him. "His tastes and spirit inclined him to much willing work for Christian benevolence, and with good success. He was a man of amiable disposition, good judgment and cautious habits—courteous in manner and considerate of others. In

his pastorate he was earnest, zealous, frank and winning. He was a plain, decided and clear preacher of the Gospel in its simplicity, with unction of spirit and warmth of manner. His ministry was eminently useful and always marked by singleness of mind and sincere devotedness to high aim."

Dr. Manning was warmly interested in this college, and a generous giver to its endowments. His death at only fifty-four years of age is an admonition to us who knew and remember him well as a fellow student, and to all who have wrought with him in later years, to be "also ready," since we "know not the hour in which the Son of Man cometh."

REV. WILLIAM W. BRUSH.

This young brother was born at Guilford, Ulster County, New York, Sept. 25th, 1843, and died in the pastorate of the Reformed Church of Geneva, New York, on Sabbath, March 31st, 1878. He was a son of Rev. William Brush of 1830, and Isabella Dunbar, daughter of Rev. Duncan Dunbar, a Baptist Clergyman of worth and distinction in New York City. He was prepared for college under the private instruction of Rev. William W. Blauvelt, D.D., of Lamington, N. J., was graduated from this college in 1862, and from the New Brunswick Theological Seminary in 1866. From early youth he was peculiarly thoughtful and conscientious. About the middle of his Junior year at college, he experienced conversion. His mind was first directed to the study of law, but it became unsettled and agitated upon a growing sense of duty to enter the ministry. This occasioned a delay of a year between graduation and entering the Seminary. After licensure in 1866, he was spared for twelve years of ministerial service. He was settled two years at Farmer Village, Seneca County, New York; four at Stone Ridge, Ulster County, and six at Geneva. No death among our Alumni has called forth a wider expression of sorrow than his. We cannot put upon these pages any words that would do him better justice than the following from his own Consistory. It will deepen interest in them to know that they were written by the venerable Judge Samuel A. Foot, an elder of the Church, who, since he wrote them, has followed his young friend to the heavenly rest.

"Our dear pastor was yet in early manhood, only thirty-four years of age—the husband of an intelligent, devoted and faithful Christian wife, the father of two little daughters and an infant son—the son of aged parents who leaned upon him, rejoiced in him, cherished and loved him with unlimited parental love, * * loved to the limit of earthly affection, by three sisters and an only brother; respected, loved and admired by us, the members of our church and congregation, and a favorite in our community. His death has sundered all these earthly ties and we deeply mourn his loss."

"Mr. Brush was a thorough scholar, a sound theologian and well versed in the doctrines of our church. He was a diligent and most acceptable pastor. His manners were gentlemanly, pleasant and winning, and his general conversation sprightly and genial, the outflow of a warm Christian heart. His piety appeared in his whole

conduct. His elocution was earnest, animated, forcible, and never failed to interest his hearers. We regard it only our duty to his memory to say that we believe he was as nearly perfect and as ripe for heaven as poor, sinful humanity can ever be."

This is high testimony from a high source. Our Association and the Reformed Church have sustained a very great loss in this early death. Let us derive from the sad event a quickened sense of our own duty to the ranks that have been broken, and to the kingdom and cause of our Lord Jesus Christ.

JOSEPH MORISON DIXON, ESQ.

Mr. Dixon was born in Liverpool, England, Jan. 7, 1844, and was a son of Jonathan and Ann Dixon. He came to America in August, 1850, and settled in New Brunswick. As a pupil in the public school of this city, he attracted the attention of Prof. Cook, and in 1859, at the suggestion of President Frelinghuysen, he began to prepare for College under the care of his brother, now Judge Dixon of the Supreme Court of New Jersey. He was graduated in 1863, with the second rank in his class, and with the prize for Natural Science. Upon graduation he taught for a time. In 1864, he joined the Medical Department in the U. S. Army. In May, 1866, he was licensed to the practice of law, and at once entered into a law partnership under the firm name of Cheney & Dixon. Mr. Cheney dying in 1870, he formed the law firm of Dixon, Whitlock & Anderson. Of this firm he was the Senior partner and chief business manager. At our College Commencement of 1866, he delivered the Master's Oration, in compliance with the unanimous vote of his class. He took a high stand at the bar from the first, having a clear, quick and analytical mind, a generous spirit and attractive manners. In 1868, he married Maria V. S. Manning of Freehold, N. J., who with three sons survives him. He died at his home in Brooklyn, Oct. 17, 1878, after eight days' illness, of cerebral meningitis, and was buried in New Brunswick.

Although without acquaintance in New York when he began the study of law, he made friends rapidly and gathered about him a fair and profitable practice, in the course of which he tried and argued causes in all the courts of the State, in the U. S. Courts of New York and New Jersey, and in the U. S. Supreme Court at Washington. "The Daily Register" (Official Law Journal of the City and County of New York), of Oct. 22, says of him—"During the short period he had been in practice, he gained a character for ability and integrity in his profession, and a position among his brethren which but few acquire," and adds—"Death however has cut short a career which from our point of human observation, had not been half finished. It has blighted the hopes of many who, from their past knowledge of him, had predicted for him an even more successful and brilliant future."

Is not the early death of this promising young brother a suggestion to each Alumnus to utter with feeling heart the prayer—"Lord, teach me so to number my days that I may apply my heart unto wisdom?"

THEODORE HAVELOCK WALSER.

This Alumnus of but two years was a son of Theodore G. Walser, M.D., and Mary A. Eastwood, and a brother of Oliver Harris Walser of 1875. He was born at Tompkinsville, Staten Island, November 7, 1858, and died at the same place of typhoid fever, April 24, 1878. After preparatory study at our Grammar School, he entered the college in July 1872, at thirteen and a half years of age, and was graduated with the rank of fourth, in the Class of 1876. He attracted the special attention of the Faculty and students from the first, partly by reason of his youth, but much more on account of his unusual brightness of intellect, his amiability of disposition and his singular freedom from faults. After graduating, he began the study of law with Edward C. Delavan, Esq., of New York City, at the same time entering the law school of Columbia College. During his study here, he continued to be distinguished for the same qualities of mind and heart, and the same exemplariness of life for which he had been noted at New Brunswick. Mr. Delavan says of him—"In the first course of law lectures, he drew the attention of Prof. Dwight, who spoke of him as promising to take a prominent place at the bar. Had he retained his health six weeks longer, he would have received his degree of LL.B., although only in the twentieth year of his age. An additional year in the office of a practising attorney must have been passed before he would have been admitted to the bar as an attorney. I have no hesitation in saying that with his capacity, acquirements, industry and gentlemanly bearing, he would within ten years, have attained a leading position even at the New York bar." One of his classmates says—"He was the brightest light of 1876." Such testimony comes from all sides. We learn that during his illness, he gave satisfactory evidence of spiritual conversion. The death of this young graduate speaks to us all, but especially to those of our number who are just entering upon ambitious young manhood, and are full of hope. Somewhere across the way of every one there lies a waiting grave.

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